

E-flite

2022 SPRING CATALOGUE



ADVANCING ELECTRIC FLIGHT

LOGIC RC



ADVANCING ELECTRIC FLIGHT

E-flite aircraft, electronics and accessories are developed by people who love electric flight as much as you. Every E-flite airplane is designed to look as great as it flies. Whether it's a scale fighter or a simple low-wing sport plane, an E-flite aircraft always gives you the perfect blend of form and function. The E-flite brand advances electric flight by advancing the engineering behind with innovative design and manufacturing techniques like Carbon Z material.

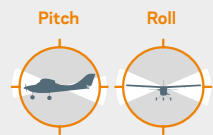
Scan with your phone camera to watch videos of all the aircraft in action and find out more information.



Technology



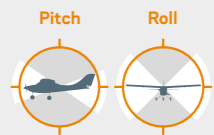
The exclusive SAFE technology prevents over-control and helps avoid crashes. It also offers multiple flight modes to deliver more control and capabilities as your skills progress at the flip of a switch.



Pitch Roll
Control Level

Beginner Mode

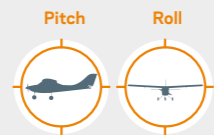
The aircraft has pitch and bank angle limits that prevent over-control which could lead to a loss of orientation and control. When the control sticks are released, the aircraft automatically returns to level flight.



Pitch Roll
Control Level

Intermediate Mode

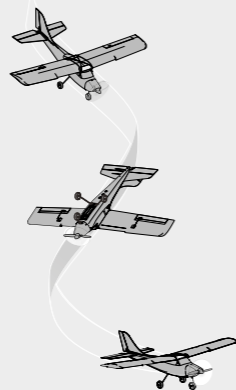
This mode allows more freedom in pitch and bank, but still prevents significant over-control and the aircraft does not return to level flight on its own. Allowing you more control as your skills advance.



Pitch Roll
Control Level

Advanced Mode

In this flight mode there are no pitch or bank angle limits so you have complete control! You can even fly inverted (upside down) and perform aerobatic manoeuvres including loops, rolls, stall turns and more.



Panic Recovery

If you lose control of the aircraft in the Intermediate or Experienced flight modes, simply activate the Panic Recovery mode with the push of a button and release the control sticks. SAFE technology will automatically return the aircraft to level flight.



Spektrum Smart technology is about offering a higher connection to your hobby. It's a connection that puts you in complete control, makes you more aware and more confident about the capability of your equipment—all while making vital components of your model easier to use than ever. The combined result is a sense that will make you wish everything about your hobby was smarter.



When added to an RC aircraft's receiver, AS3X technology works behind the scenes to smooth out the effects of turbulence and torque. It does so using a combination of 3-axis sensing and exclusive software developed by expert RC pilots. It feels completely natural too. There is no delay in response or limits on control. You simply feel like you're flying an expertly tuned model that does exactly what you want.

Apprentice STS



Apprentice STS 1.5m

The E-flite Apprentice STS 1.5m is based on one of the very best platforms ever designed for learning to fly radio controlled airplanes, the legendary Apprentice S 15e. That model's large size made it an ideal choice for better visibility and the ability to handle more wind while learning to fly at an RC club flying field, and its inherently stable design plus exclusive SAFE technology made it easy to fly successfully—especially with the help of an instructor. The Apprentice STS 1.5m is a modern-day evolution of the world's favourite club trainer that includes all the same great features while adding Smart components including an ESC, battery and charger (battery and charger sold separately for the BNF Basic version), along with the option to add SAFE Plus GPS-enabled technology and the all-new Landing Assist Sensor (LAS), to make learning to fly easier—and more fun—than ever before!

RTF EFL37000

BNF EFL3750

		Length: 1080mm (42.5in) Wingspan: 1500mm (59in)		Weight: 1890g (49oz) Wing Area: 33.2 sq/dm (515 sq/in)		
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Motor 840Kv Brushless Outrunner	ESC 30-Amp Smart ESC with IC3 Connector	Servo 4 x 37g standard & 2 x 13g Micro Servos	Receiver SRXL2	Battery 3S 11.1v 3200mAh 30C Li-Po	Charger 3 cell LiPo balance charger	Transmitter 6 channel Spektrum DSMX with Dual Rates

Configurations



Almost-Ready-To-Fly
Comes with factory installed servos out of the box but no control or power system is included.



Ready-To-Fly
These models come with everything you need to get flying.



Bind-N-Fly Basic
This configuration requires a Spektrum transmitter, battery & charger to complete.



Bind-N-Fly
All that is needed to complete is a Spektrum transmitter and charger to charge the included battery.



Plug-N-Play
It includes the model only and needs a transmitter, receiver, battery and charger to complete.

Our Skill Level Guide

Thanks to SAFE technology, almost every E-Flite model has the potential to be flown by beginners. However we have put together a grading system based on Skill Level we feel is needed for each model. This system is based on our experience in the hobby and hope it helps you to select the right model.



BEGINNER
New to flying Aircraft, maybe a little flying experience but not a proficient flyer



NOVICE
Mastered the basics and moving to the Intermediate mode on SAFE



COMPETENT
Confident to fly in Intermediate mode and can recover an aircraft out of control

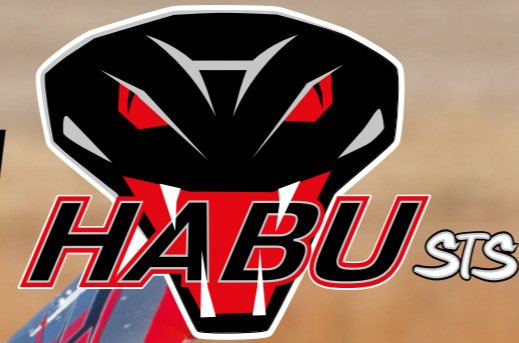


ADVANCED
Moved to Advanced mode and developing flying skills



EXPERT
Happy flying in Advanced mode or without SAFE/AS3X turned on.

LEARN TO FLY WITH A JET



Habu STS **RTF** EFL01500 **PNP** EFL01575

Nearly everyone who sees a radio controlled (RC) jet tear across the sky has the same reaction: "I want to fly one of those!" But because of their speed and handling challenges, RC jets have been almost impossible for first-time or low-time RC pilots to fly successfully until now. Thanks to the E-flite Habu STS (Smart Trainer with SAFE) 70mm EDF jet, you can actually learn to fly RC airplanes successfully with a jet! The Habu STS 70mm EDF is based on the legendary Habu, one of the best high-performance Electric Ducted Fan (EDF) sport jet platforms ever created.

		Length: 1140mm (78in) Wingspan: 1033mm (63in)	Weight: 1.29Kg (2.5lbs) Fan Size: 70mm diameter EDF		
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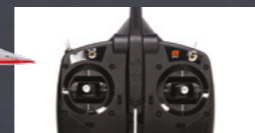
Motor 2847-3200Kv 6-Pole Brushless	ESC 70 AMP Brushless with IC3 Connector & Telemetry	Servo 2 x 9g Mini and 3 x 13g Digital Metal Gearred Micro Servos	Receiver SRXL2 DSMX	Battery 3S 14.8v 4000 mAh 30C Smart Li-Po	Charger S120 USB Smart Charger	Transmitter DXS Full Range Transmitter

RF TRAINER EDITION

The RTF version includes a RealFlight Trainer Edition Simulator and Spektrum WS2000 Dongle. The inclusion of the simulator enables new pilots to get that essential practice any time regardless of the weather.



SMART



Spektrum DXS Included (RTF)



Flight Pack Voltage Monitor *



Smart Charger and Battery

BUTCHER BIRD



Focke-Wulf Fw 190A 1.5m **BNF** EFL01350 **PNP** EFL01375

This first-ever E-flite Focke-Wulf model is based on a full-scale replica once owned by the late Rudy Frasca. Painted with the wartime markings of Austrian Luftwaffe pilot Oskar Bosch, the replica has been flown in west coast airshows and at the National Air Races in Reno. The E-flite Fw 190A 1.5m stands apart from all other RC model versions by delivering superior Extra Scale details, functional features and performance in a larger size, while being easy to assemble, transport and store. It's also equipped with a Spektrum Avian Smart ESC to deliver a warbird experience unlike any other!

		Length: 1285mm (50.6in) Wingspan: 1510mm (59.5in)	Weight: 2.94Kg (6.5lb)		
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Cherokee 1.3m

The E-flite Cherokee 1.3m scale model celebrates the classic design of the legendary full-scale PA-28 with an accurate outline, a long list of scale details, modern-day convenience features, plus fantastic power and flight performance that makes flying fun. An abundance of scale details including panel lines, rivets, corrugated control surfaces, a pilot figure and more highlight the authentic appearance, while functional features including factory-installed LED lights, a shock-absorbing nose strut and large wheels add to the flight experience.

	Motor: 1000Kv Brushless Outrunner
	ESC: 50A Brushless with EC3 connector
	Servo: 9 gram servo
	Receiver: Spektrum AR631 6-Channel Sport Receiver
	Battery: 3S - 4S 2200mAh 30C LiPo**
	Charger: 3-4-cell Li-Po battery balancing charger**
	Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates*

	Length: 1040mm (41in) Wingspan: 1310mm (51.5in)	Weight: 1.55Kg (54.5oz) Wing Area: 30.4 sq/dm (472 sq/in)
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* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic and PNP configurations



Valiant 1.3m

The versatile Valiant 1.3m park flyer gives you the inherent stability of a classic high-wing model but with more modern lines and sporty response. You also get functional flaps right out of the box and the option to add floats (sold separately). The Valiant 1.3m park flyer is a downsized version of the big Hangar 9 Valiant 30cc ARF. Like its giant-scale sibling, it has the inherent stability of a classic high-wing model but with more modern lines and larger control surfaces that can provide sporty response when you want it. This version comes with the added benefit of a Spektrum AS3X receiver that features optional SAFE Select technology.

	Motor: 480 Brushless Outrunner 960Kv
	ESC: 30A Telemetry Capable BL ESC with IC3 Connector
	Servo: 2 x 14g Metal Gear Servo, 1 x 9g Servo
	Receiver: AR636B 6-Channel Sport Receiver
	Battery: 3S LiPo with IC3/EC3 Connector**
	Charger: 3-cell Li-Po battery balancing charger
	Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates*

	Length: 960mm (38in) Wingspan: 1350mm (53in)	Weight: 947-1128g (2.09lb-2.49lb)
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BNF EFL49500



Air Tractor 1.5m

This is an easy to fly scale replica of the capable crop duster that makes it a great first scale or low-wing model. The specially-tuned motor and 3-blade prop are matched to a 50-amp ESC to provide fantastic scale and sport aerobatic flight performance with 3S 2200-3200mAh LiPo batteries, or you can install a 4S battery for more power and unlimited vertical without the need for any modifications or upgrades. It features functional LED lights and slotted flaps, plus it can be equipped with optional floats and skis.

BNF EFL16450
PNP EFL16475

- Motor:** BL10 Brushless Outrunner 800Kv
- ESC:** 50A Brushless with EC3 connector
- Servo:** 6 x 13 gram metal geared servo
- Receiver:** Spektrum A637TA 6-Channel *
- Battery:** 3S - 4S 2200-3200mAh 30C LiPo**
- Charger:** 3-4-cell Li-Po battery balancing charger**
- Transmitter:** 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

Length: 978mm (38.5in)
Wingspan: 1498mm (59in)
Weight: 1.68-1.77Kg (3.7-3.9lb)
Wing Area: 30.5 sq/dm (472 sq/in)

* Needed to Complete PNP Only ** Needed to Complete Both



Twin Otter 1.2m

Versatile and easy to fly, the E-flite Twin Otter 1.2m is an ideal first twin for intermediate to experienced pilots. Modelled after the STOL-capable bush plane, it features LED navigation and landing lights, flaps and includes optional-use floats. The convenient size means you can transport it fully assembled for flying at a wide variety of locations with paved, grass or packed dirt surfaces.

BNF EFL300500
PNP EFL30075

- Motor:** 2 x Brushless 2210-1350Kv
- ESC:** 2 x 20A Brushless ESC
- Servo:** 6 x 9 gram Sub Micro
- Receiver:** Spektrum AR631 6-Channel*
- Battery:** 3S 2200-3200mAh LiPo**
- Charger:** 3-cell LiPo battery balancing charger**
- Transmitter:** 6 channel 2.4GHz DSMX technology with adjustable Dual Rates**

Length: 933mm (36.75in)
Wingspan: 1219mm (48in)
Weight: 1049-1118g (37-39.5oz)
Wing Area: 17 sq/dm (264 sq/in)

ADVANCED

RV-7 1.1m

Officially licensed by Van's Aircraft, the E-flite RV-7 1.1m offers low-time to experienced RC pilots a conveniently-sized, well-equipped, and easy-to-fly scale model of the iconic general aviation aircraft. It's capable of slow and scale-like flying, sport flying, plus high energy aerobatics — and with the optional-use SAFE Select technology in the BNF Basic version, the RV-7 1.1m also makes a great "next step" as a first low-wing or scale model for pilots who have successfully mastered learning to fly with a trainer.

BNF EFL01850
PNP EFL01875



- Motor:** Brushless Outrunner 3536-850Kv
- ESC:** Avian 45A Brushless with IC3 Connector
- Servo:** 4 9g Plastic Geared Servos
- Receiver:** AR631 6-Channel Telemetry Receiver
- Battery:** 3S - 4S 2200mAh 30C LiPo with IC3 Con.
- Charger:** Compatible LiPo balance charger
- Transmitter:** 6+ channel Spektrum DSMX with Dual Rates



THE HOMEBUILT ICON

COMPETENT SMART SAFE

Length: 900mm (35.4in)
Wingspan: 1100mm (43.3in)
Weight: 1.18Kg (41.6oz)
Weight with Battery: 1.41Kg (49.8oz)

RED DRAGON DRACOS

THE ULTIMATE BUSH PLANE



Draco 2.0m **BNF** EFL12550 **PNP** EFL12575

The amazing DRACO 2.0m is one of the most highly-engineered, detailed and feature-rich RC models ever produced. Beyond its complex design and the accurate shape of its fully-moulded, lightweight and durable EPO airframe with a factory-applied finish, it also features an abundance of Extra Scale details including a variety of surface features, steps, antennas, wingtip "stinger" skids, and much more. The clear windshield and windows offer an excellent view of the detailed cockpit with pilot figure and backlit instrument panel. Functional Extra Scale features include licensed, scale-like KING shocks on the main gear and tail wheel, leading-edge slats, slotted flaps and more. There are also a total of 17 LEDs throughout the airframe — with a custom controller that allows you to select solid, strobing and other light combination options from your transmitter.

It excels at STOL and scale-like flying - and looks amazing while doing both!

COMPETENT SMART SAFE

Length: 1345mm (53in)
Wingspan: 1973mm (77.7in)
Weight: 3.86Kg (8.5lbs)
Weight with Battery: 4.53Kg (10.0lbs)

- Motor:** 5065 400Kv 12 Pole Brushless Outrunner
- ESC:** Avian 100A Brushless Controller with IC5 Connector
- Servo:** 8 x 9g Metal Geared Sub Micro Servos
- Receiver:** AR367TA 6-Channel Telemetry Receiver
- Battery:** 6S 22.2V 5000 mAh 30C Smart Li-Po
- Charger:** Compatible LiPo balance charger
- Transmitter:** 6+ channel Spektrum DSMX with Dual Rates



- Motor**
Brushless
3226-930Kv
Outrunner
- ESC**
30A
Telemetry
Capable
with IC3
- Servo**
2x 14g Metal
Gear and
2x 9g
Servos
- Receiver**
AR631
6-Channel
Sport
Receiver
- Battery**
3S-4S
5000mAh
30C Li-Po with
IC3 or EC3
- Charger**
3-4 cell LiPo
balance
charger
- Transmitter**
6 channel
Spektrum
DSMX with
Dual Rates



T-28 Trojan 1.1m

The E-flite T-28 Trojan 1.1m reaffirms its status as an excellent "next step" model for low-time pilots who have mastered a trainer and are looking for their first low-wing, sport or warbird model — while expanding its performance for experienced pilots with higher speed and higher energy aerobatic capabilities! With a common 3S 1800–2200mAh LiPo battery, the brushless power system featuring a specially-tuned motor delivers plenty of thrust and speed for low-time to intermediate pilots. Or, install a 4S battery for more speed and unlimited vertical performance without modifications or upgrades! Four servos and linkages are factory-installed for full aerobatic capability to perform loops, rolls, knife-edge, inverted flying, and more.

BNF EFL08250
PNP EFL08275

SMART
SAFE
ADVANCED

Length: 915mm (36in)
Wingspan: 1120mm (44in)
Weight: 855g (30oz)
Weight with Battery: 1080g (38oz)

TROJAN

New moves from an old favourite

COMPETENT
AS3X
SAFE

Length: 787mm (31in)
Wingspan: 850mm (33.5in)
Weight: 1304g (46oz)
Wing Area: 28.2 sq/dm (437 sq/in)



Pitts S-1S 850mm

The E-flite Pitts S-1S park flyer is a tribute to the distinctive Curtis Pitts design that combines an authentic appearance with great handling for incredible performance any RC pilot can appreciate. Ballistic vertical climbs, dizzying snaps, crisp rolls and sharp corners are just a few of its specialties. Scale pilots will appreciate its smooth flight performance and level of detail, while everyone will enjoy its power system versatility and overall performance. Whether you choose to fly this one-of-a-kind aerobat on a 3S or 4S LiPo, this Pitts S-1S biplane will deliver an aerobatic experience without equal.

BNF EFL355000

V-22 Osprey VTOL

It's an officially-licensed replica of the unique and innovative Bell Boeing tiltrotor aircraft that combines the vertical functionality of a helicopter with the forward flight performance of an airplane. The exclusive flight control system makes it possible to fly in both helicopter/multicopter and airplane flight, and the optimised software makes the transition so simple and predictable that you will feel comfortable and confident even on your first flight. Simply flip the flight mode switch and the V-22 will automatically adjust the tilt rotor positions to transition into forward or hovering flight.

BNF EFL9675

Motor: 2 x 2250Kv & 1 x 4000Kv Brushless Motors
ESC: 2 x 12A Brushless & 1 x 6A Brushless ESC
Servo: 5 x Sub Micro Servo (2 x 5g & 3 x 3.7g)
Receiver: SPM Quad Race Serial Receiver w/Diversity*
Battery: 3S 800mAh 30C LiPo**
Charger: 3-cell Li-Po battery balancing charger*
Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

Length: 487mm (19.2in)
Wingspan: 486mm (19.1in)
Weight: 325-350g (11.5-12.3oz)
Wing Area: 4 sq/dm (62 sq/in)

Motor: BL10 Brushless Outrunner 880Kv
ESC: 40A BL ESC with EC3 Connector
Servo: 9gram gear servo
Receiver: AR631 6-Channel
Battery: 3S 2200mAh 30C Li-Po**
Charger: 6-cell Li-Po battery charger**
Transmitter: 6 channel Spektrum DSMX technology with adjustable Dual Rates**



P-51D Mustang 1.2m

The E-flite P-51D Mustang 1.2m scale airplane delivers outstanding warbird appeal whether flying or just standing still. The realistic four-blade propeller, outline and cockpit detail highlight the devoted attention given to pull off a popular subject like the Mustang this well. Its functional flaps feature the precision of independent servo operation while electric retractable main landing gear provides reliability and scale-like movement. Construction with EPO foam keeps the overall weight low while maintaining a level of durability that makes flying a scale sensation.

BNF EFL89500

Motor: BL15 Brushless Outrunner 850Kv
ESC: 40A Brushless ESC with EC3 Connector
Servo: 6 x 9g Micro Servos
Receiver: Spektrum AR631 6-Channel
Battery: 3S 2200mAh 30C LiPo**
Charger: 3-cell Li-Po battery balancing charger**
Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

Length: 1065mm (42in)
Wingspan: 1219mm (48in)
Weight: 1530g (53.9oz)
Wing Area: 24.9 sq/dm (386 sq/in)

* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic and PNP configurations



F4U-4 Corsair 1.2m

This F-4U-4 Corsair 1.2m is a full-house park flyer that flies as good as it looks. A big four-blade propeller, functional three-panel flaps, electric 90-degree rotating retracts and muscular outlines are just the highlights of its authentic feature list. Construction with Z-Foam material keeps the overall weight low and delivers a level of airframe durability that's ideal for everyday flying. But the exclusive feature that makes this definitive warbird the choice for your everyday flying is AS3X technology. Whether you're an intermediate or advanced pilot, this Corsair is a sure to help you enjoy flying a one-of-a-kind warbird is all about.

BNF EFL8550

Motor: BL15 Brushless Outrunner 850Kv
ESC: 40A Brushless ESC with EC3 Connector
Servo: 6 x 9g Micro Servos
Receiver: Spektrum AR636A 6-Channel Sport Receiver
Battery: 3S 2200mAh 30C LiPo**
Charger: 3-cell Li-Po battery balancing charger**
Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

Length: 970mm (38.2in)
Wingspan: 1220mm (48in)
Weight: 1500g (53oz)
Wing Area: 27.8 sq/dm (431 sq/in)

P-51D MUSTANG

SMART
SAFE
ADVANCED

P-51D Mustang 1.5m

The P-51D Mustang 1.5m is the largest, most detailed and best performing replica of the legendary fighter from E-flite yet! Along with an accurate outline, it also features an abundance of Extra Scale details including moulded in panel lines and hatches, guns and removable drop tanks, plus a striking factory-applied "Lou IV" finish. Functional Extra Scale features include LED navigation lights, sequenced main and tailwheel gear doors, flaps and more. The shock-absorbing struts feature ball-bearing equipped wheels with diamond tread tires for added scale appearance and make it possible to fly from a variety of surfaces including grass, and reliable electric retracts operate the main gear and tailwheel.

BNF EFL01250
PNP EFL01275

Motor: Brushless Outrunner 4650-460Kv
ESC: 100 AMP Brushless with EC5 Connector
Servo: 17g, 9g, 9g metal gear reverse, 13g metal gear
Receiver: AR637TA 6-Channel Telemetry Receiver
Battery: 22.2v 6S 5000mAh 30C LiPo
Charger: 6-cell LiPo balance charger
Transmitter: 6+ channel Spektrum DSMX with Dual Rates

Length: 1300mm (52in)
Wingspan: 1500mm (59in)
Weight: 2722g (96oz)

* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic and PNP configurations



TURBO TIMBER EVOLUTION

Turbo Timber Evolution 1.5m EFL12550 EFL12575

The E-flite Turbo Timber Evolution 1.5m is the most convenient, capable, and durable version of the popular STOL-capable model yet — widely acclaimed and highly recommended as a great “next step” after a trainer, as the perfect first STOL-capable aircraft, and as one of the best all-around, fun-to-fly sport models for a wide range of pilots. Its next evolution, the Turbo Timber 1.5m, proved even more popular than the original with the addition of metal-gear servos, a 3S and 4S compatible power system, plus a turboprop-styled nose and 3-blade propeller. Now comes the Turbo Timber Evolution 1.5m, ready to continue the Timber legend with new upgrades that deliver more durability, convenience, and capabilities than ever before — plus a fresh and modern look!

NOVICE

Length: 1040mm (40.9in)
Wingspan: 1555mm (61.2in)

Weight: 1.82Kg (64.3lbs)
Weight with Battery: 2.15Kg (75.9lbs)

SMART SAFE

Motor: BL10 14 Pole 800Kv Brushless Outrunner

ESC: Avian 60A Brushless Controller

Servo: 6 Metal Geared Servos

Receiver: AR367TA 6-Channel Telemetry Receiver

Battery: 4S 14.8V 3200mAh 30C Smart Li-Po

Charger: Compatible LiPo balance charger

Transmitter: 6+ channel Spektrum DSMX with Dual Rates



The most capable and durable Timber yet!

Motor: BL50 Brushless Outrunner 525Kv

ESC: 60A Avian Smart ESC with IC3 Connector

Servo: 4x26g Mini Servo and 2 13g Mini Servos

Receiver: AR637TA 6-Channel Telemetry Receiver

Battery: 4S-6S 3200-7000mAh LiPo with IC5 Connector

Charger: 4-6 cell LiPo balance charger

Transmitter: 6 channel Spektrum DSMX with Dual Rates



Carbon-Z Cessna 150T 2.1m EFL12750 EFL12775

While maintaining the original's popular features, the updated E-flite Carbon-Z Cessna 150T 2.1m adds Smart electronics and taildragger landing gear for new capabilities — making it an even better giant-scale model for a wide range of pilots to fly! Its factory-installed Spektrum Avian 60-amp Smart ESC and high-power brushless outrunner motor are compatible with a wide range of batteries. Install a 4S pack for slow and smooth scale flying, use a 5S battery for added power, or go with 6S for far-better-than-scale performance! Keep the weight and wing loading down with a 3200mAh battery, enjoy a great balance of performance and handling with a 5000mAh pack, or move up to 7000mAh for long, 10-15+ minute flight times.

COMPETENT SMART SAFE

GO LARGE!

Length: 1570mm (61.8in)
Wingspan: 2125mm (83.7in)

Weight: 3539g (125.5oz)
Wing Area: 68 sq/dm (1053 sq/in)



Carbon-Z Cub SS 2.1m EFL124500 EFL12475

The Carbon-Z Cub SS makes it easier than ever to enjoy a truly unique and versatile giant-scale flying experience. Based on the original Carbon-Z Cub, it's equipped with an abundance of new convenience, capability and flight performance-improving features. An updated wing design with drooped tips adds wing and aileron area for significantly improved slow speed handling, performance and control. The modified flap design allows them to travel both ways for full-span aileron and other mixing options, and thumbscrews make it easier to install and remove the two-piece wing without tools.

Length: 1430mm (56.3in)
Wingspan: 2100mm (84.6in)

Weight: 3690-4300g (3.69-9.48lb)
Wing Area: 72.9sq/dm (1130sq/in)

NOVICE

Motor: BL50-525Kv Brushless Outrunner

ESC: Avian 60A Brushless ESC with IC3 Connector

Servo: 4x26g + 2x13g Metal Geared Servo

Receiver: Spektrum AR637TA 6-Channel Telemetry*

Battery: 6S 22.2V 4000mAh 50C LiPo**

Charger: 6 cell LiPo battery balancing charger**

Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**



Maule M-7 1.5m EFL53500

The Maule M-7 comes with floats so you can conquer any terrain year-round. From the crystal-clear cabin windows and interior detail to an abundance of exterior features including LED lights, antennas, vortex generators and riveted panels, the Maule breaks new ground in park flyer-size civilian scale authenticity. EPO construction results in a lightweight yet durable airframe. The two-piece wing is equipped with operational flaps for outstanding slow flight performance and STOL capabilities. The factory-installed 3S and 4S compatible brushless power system delivers plenty of performance for flying from smooth or rough surfaces.

Length: 1100mm (43.3in)
Wingspan: 1500mm (59in)

Weight: 1871g (66oz)
Wing Area: 35.9 sq/dm (557 sq/in)

COMPETENT

Motor: 15BL Brushless Outrunner 1050Kv

ESC: 40A Brushless with EC3 Connector

Servo: 7 x 9 gram servo

Receiver: Spektrum AR631 6-Channel *

Battery: 3-4S 2200-3200mAh 30C LiPo**

Charger: 3-4cell Li-Po battery balancing charger**

Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic and PNP configurations

FLYING WING



- Motor**
10BL Brushless Outrunner 1300Kv
- ESC**
40 Amp Brushless ESC with EC3 Connector
- Servo**
13g Digital Servo
- Receiver**
AR631 6-Channel Receiver
- Battery**
3S 2200-3200mAh LiPo with EC3 or IC3
- Charger**
3 cell LiPo balance charger
- Transmitter**
6 channel Spektrum DSMX with Dual Rates



Opterra 2m Wing

Its lightweight construction, long wingspan and efficient aerodynamics give it a wide range of capabilities that includes everything from sport aerobatics to soaring. It even gives you the ability to put yourself in the pilot's seat with FPV gear while using a GoPro Hero 3, Hero 4 or similar class camera to record HD video at the same time.* This model features AS3X and SAFE Select technology which smooths out the effects of wind and turbulence as well as easing you into full control of the model with the flight modes offered with SAFE Technology. *Cameras and FPV gear not included.

Length: 1035mm (40.8in)
Wingspan: 1989mm (78.3in)
Weight: 1899g (67oz)
Wing Area: 66.6 sq/dm (1033 sq/in)

BNF EFL11150



The Powered Glider Conscendo EVOLUTION



Length: 1005mm (39.6in)
Wingspan: 1500mm (59in)
Weight: 650g (22.9oz)

Conscendo Evolution 1.5m

This is the most powerful, capable, and fun to fly Conscendo yet! With the benefits of E-flite engineering expertise, the Conscendo Evolution 1.5m powered glider is now better equipped to deliver higher speeds and even higher energy aerobatic performance — yet it's still as easy and fun to sport fly and soar as ever before. With a 3S LiPo battery it delivers plenty of thrust for fast climbs to soaring altitude, sport flying and aerobatics. Upgrade to a 4S battery, it delivers even more speed and thrust for unlimited vertical performance.

BNF EFL01650

PNP EFL01675

- Motor**
3226-970Kv Brushless Outrunner
- ESC**
30A Brushless ESC with IC3 Connector
- Servo**
4 x 9 gram mini servo
- Receiver**
AR637TA 6-Channel Sport Receiver
- Battery**
3S or 4S 1200-2200mAh LiPo
- Charger**
3 or 4-cell LiPo balance charger
- Transmitter**
6 channel Spektrum DSMX with Dual Rates



V900

If you have a need for speed—adrenalin pumping, righteous SPEED—then you're going to love the E-flite V900 airplane. Right out of the box it can reach top speeds of 120+ MPH on 4S, and even 100+ MPH on 3S, without the need for upgrades or prop changes. It's designed to whip heads by flying fast and looking good with slick aerodynamics, composite reinforced EPO construction and a vibrant trim scheme that stands out. But the V900 doesn't just fly fast — it's well-behaved and slows down nicely for smooth approaches and landings, plus it's capable of aerobatics including huge loops, rolls, knife edge and more.

- Motor:** BL15 1260Kv Brushless Outrunner
- ESC:** 60A Brushless ESC with EC3 Connector
- Servo:** 4x19g Digital, Metal Geared Servo
- Receiver:** Spektrum AR631 6-Channel
- Battery:** 3-4S 1800-2200mAh with EC3 Connector**
- Charger:** Compatible LiPo balancing charger**
- Transmitter:** 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

Length: 808.5mm (31.8in)
Wingspan: 900mm (35.4in)
Weight: 840g (29.7oz)
Wing Area: 13.1sq/dm (203.7sq/in)

BNF EFL74500



V1200

The V1200 is faster than any prop-driven E-flite airplane yet! It can reach level-flight top speeds of 140+ MPH on 6S, or 110+ MPH on 4S, right out of the box. It's also equipped with flaps, retracts and Smart to deliver an experience like no other! Equipped with a 100-amp Spektrum Avian Smart ESC, and the BNF Basic version is equipped with an AR637TA receiver that offers full-range telemetry including real-time battery voltage, current, temperature and more when using compatible transmitters. It's easy to look good, fly FAST and fly Smart with the V1200!

- Motor:** 5065 Brushless Outrunner 800Kv
- ESC:** Avian 100A Brushless with IC5 Connector
- Servo:** 6 x 9 gram Digital, Metal Geared Servo
- Receiver:** Spektrum AR637TAw Telemetry 6-Channel*
- Battery:** 4-6S 5000mAh 30C LiPo with EC5/IC5 Connector**
- Charger:** 4-6cell Li-Po battery balancing charger**
- Transmitter:** 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

Length: 1091mm (43in)
Wingspan: 1200mm (47.25in)
Weight: 2.63Kg (92.8z)
Wing Area: 23.0sq/dm (275.4sq/in)

BNF EFL12350

PNP EFL12375

* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic and PNP configurations

DAY & NIGHT FLYING



Length: 1140mm (44.7in)
Wingspan: 2000mm (78.7in)
Weight: 1020g (2lb 4oz)
Wing Area: 35.5 sq/dm (551 sq/in)

NIGHT RADIANT

- Motor**
580 960Kv 14 Pole Brushless Outrunner
- ESC**
30 Amp Brushless ESC with IC3 Connector
- Servo**
2 x 9g Sub Micro Servos
- Receiver**
AR631 6-Channel Receiver
- Battery**
3S 1300-2200mAh with IC3/EC3 Connector
- Charger**
Compatible LiPo balance charger
- Transmitter**
6+ channel Spektrum DSMX with Dual Rates



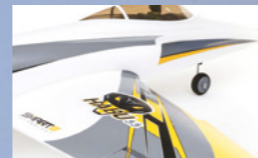
Night Radian 2.0m

The E-flite Night Radian 2.0m motor glider shines at soaring day or night with its integrated high-visibility LED lights. Now new updates and upgrades, including Smart technology, telemetry capabilities and a modern trim scheme, make it even better! The durable, composite-reinforced EPO airframe has been kept as light as possible to deliver long flight times up to 15-30+ minutes with or without power due to the efficient brushless motor and folding prop. You can enjoy soaring and sport flying in the same flight, or climb to find thermals multiple times between battery changes — aided by the proven aerodynamics of the efficient airfoil and the gracefully curved polyhedral wing.

BNF EFL36500

PNP EFL36750

SUPER SPORT



Length: 1140mm (45in)
Wingspan: 1033mm (40.5in)
Weight: 1110-1594g (2.4-3.5lbs)
Fan Size: 70mm diameter EDF

HABU^{SS}



Habu SS 70mm EDF

The Habu SS (Super Sport) 70mm EDF jet is a modified version of the Habu STS that offers nearly unlimited vertical performance, more speed, and even more aerobatic capability. It has a 4S to 6S compatible power system featuring a specially-tuned motor and 70mm 10-blade fan, along with a telemetry-capable Avian 70-amp Smart Lite ESC. It's also available in a BNF Basic version equipped with exclusive Spektrum AS3X and optional-use SAFE Select technologies. The Habu SS is easy enough for a wide variety of low-time pilots with little to no EDF experience to fly successfully — while also being one of the best all-around fun-to-fly and no hassles high-performance EDF sport jets for experienced pilots too!

Motor 2847 - 2400Kv 6 Pole Brushless Outrunner	ESC Avian 70A SMART ESC with IC3 Connector	Servo 2 x 9g Mini Servos + 2 x 13g Digital Metal Gear Servo	Receiver AR631 6-Channel Telemetry Receiver	Battery 6S 22.2V 3200mAh with IC3/EC5 Connector	Charger Compatible LiPo balance charger	Transmitter 6+ channel Spektrum DSMX with Dual Rates
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Motor 6800Kv 6 Pole Brushless Outrunner	Controller A3240 Receiver & ESC with IC3 Connector	Servo 2 x 2.9g Linear & 1x 2.3g Linear Long Throw	Battery 4S 2200mAh 30C Li-Po with IC3/EC3 Connector	Charger 4-cell LiPo balance charger	Transmitter 6 channel Spektrum DSMX with Dual Rates
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THE PRACTICAL TOMCAT



F-14 Tomcat Twin 40mm EDF

The E-flite F-14 Tomcat Twin 40mm EDF is scaled to be practical for more pilots to afford and fly. Functional variable-sweep wings deliver an authentic experience while AS3X and SAFE Select technologies make it easier to fly than any other Tomcat model yet! It's ready to bind to your 6+ channel DSMX equipped computer transmitter, plus you'll receive real-time telemetry data via compatible Spektrum AirWare equipped radios. The twin 40mm fans and brushless motors are compatible with common 4S 2200mAh 30+C batteries to deliver an excellent blend of performance and flight times.



Length: 750mm (29.5in)
Wingspan: 760mm (30in)
Weight: 500-725g (11.6-25.6oz)
Fan Size: Twin 40mm diameter EDF



F-15 Eagle 64mm EDF

Equipped with a 4S-compatible brushless motor and a 40-amp ESC that are matched to an 11-blade fan to deliver fantastic speed, thrust and a turbine-like sound. The factory-installed power system and servos help make it quick and easy to assemble the lightweight yet durable EPO airframe with bolt-on wings so you can be flying in less time than it takes to charge a battery. Optional-use fixed landing gear with a steerable nose wheel is included so you can taxi, take off and land on runways, or you can leave the landing gear off for improved performance plus easy hand launches and landings on grass.

Motor: 2840-3150Kv Brushless Outrunner
ESC: 40A Brushless with EC3 connector
Servo: 5 x 9 gram servo
Receiver: Spektrum AR630 6-Channel Sport Receiver
Battery: 3S - 4S 2200-2600mAh 30C LiPo**
Charger: 3-4-cell Li-Po battery balancing charger**
Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates*

Length: 977mm (38.6in)
Wingspan: 720mm (28.4in)
Weight: 935-1077g (33-38.2oz)
Fan Size: 64mm diameter EDF



F-16 Thunderbird 70mm EDF

Like the full-scale airshow thriller, this F-16 has an incredibly wide flight performance envelope—from slow and stable high-alpha flight to amazing high-speed and vertical capabilities. At its core is a 6S-compatible brushless motor and a 70-amp ESC that are matched to a 12-blade fan to deliver an abundance of speed, thrust and a turbine-like sound. Factory-installed electric retracts with shock-absorbing struts make it possible to take off and land on a wider variety of surfaces while keeping ground handling smooth and delivering a realistic jet experience.

Motor: Brushless Outrunner 2860Kv
ESC: 70A BL ESC with EC5 Connector
Servo: 7 9gram gear servo
Receiver: AR631 6-Channel *
Battery: 6S 3200-4000mAh 30C Li-Po**
Charger: 6-cell Li-Po battery charger**
Transmitter: 6 channel Spektrum DSMX technology with adjustable Dual Rates**

Length: 1258mm (49.53in)
Wingspan: 813mm (32in)
Weight: 2090g (73.7oz)
Fan Size: 70mm diameter EDF

* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic and PNP configurations

- Motor** 3280-2100Kv 4 Pole Brushless Outrunner
- ESC** 2 x 40A Brushless ESC with EC5 Connector
- Servo** 9 Digital Metal Geared Servos
- Receiver** AR637TA 6-Channel Telemetry Receiver
- Battery** 6S 22.2v 5000mAh 30C Li-Po
- Charger** 6-cell LiPo balance charger
- Transmitter** 6 channel Spektrum DSMX with Dual Rates

F-16



- ADVANCED
- AS3X
- SAFE

F-16 Falcon 80mm EDF

The E-flite F-16 Falcon 80mm EDF jet is the Smartest, most detailed and best handling high-performance replica of the world-renowned fighter yet! Extra Scale details, including moulded-in panel lines, simulated antennas, indicators, sensors, optional-use ordnance, and more take realism to the next level. Functional Extra Scale features include LED navigation and landing lights, full-flying stabs, sequenced gear doors plus the most scale-like retractable landing gear installed on an F-16 EDF model yet. Constructed of durable, fully-moulded EPO, this F-16 assembles without glue and can be ready to fly in less time than other similar class models!

- Length:** 1450mm (57.08in)
- Wingspan:** 1000mm (39.37in)
- Weight:** 2665-2847g (5.88-6.28lb)
- Fan Size:** 80mm diameter EDF



A SMARTER HOG



A-10 Thunderbolt II 64mm EDF

The E-flite A-10 Thunderbolt II Twin 64mm EDF jet remains the best performing and easiest to fly high-performance model of the iconic U.S. Air Force aircraft that served with distinction in operations Desert Storm, Desert Fox, Enduring Freedom and others. The 6S compatible power system of this updated and upgraded model features an exclusive Spektrum Avian Dual Smart ESC that combines with the AR637TA receiver in the BNF Basic version to provide real-time telemetry data — plus optional-use thrust reversing for shorter rollouts after landing — along with the advantages of AS3X and SAFE Select technologies

- Motor** 2 x Brushless Outrunner 2200Kv
- ESC** Avian 40A Dual SMART ESC with IC5 Connector
- Servo** 9 gram Sub Micro Servos
- Receiver** AR637TA 6-Channel Telemetry Receiver
- Battery** 6S 22.2v 3200-4000mAh 30C Li-Po
- Charger** 6-cell LiPo balance charger
- Transmitter** 6+ channel Spektrum DSMX with Dual Rates



- ADVANCED
- SMART
- SAFE
- Length:** 1060mm (41.8in)
- Wingspan:** 1149mm (45.2in)
- Weight:** 2268-2410g (80-85oz)
- Fan Size:** 2 x 64mm diameter EDF



F-18 Hornet 80mm EDF

The E-flite F-18 Hornet 80mm EDF features an all-new design with the size, scale details, functional features and performance to deliver an unmatched flying experience. With 6S LiPo power its V2 12-blade 80mm fan, high-RPM brushless inrunner motor and 100A ESC deliver fantastic performance with virtually instantaneous throttle response. This power system also provides better performance and longer flight times than the 6S-compatible power systems used in larger models — plus it offers a turbine-like sound!

- Motor:** 3270-2000Kv Brushless Outrunner
- ESC:** 100A Brushless ESC with EC5 Connector
- Servo:** 10 x 13gram metal gear servo
- Receiver:** Spektrum AR636B 6-Channel *
- Battery:** 6S 4000-8000mAh 30C Li-Po**
- Charger:** 6-cell Li-Po battery balancing charger**
- Transmitter:** 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

- Length:** 1350mm (53.1in)
- Wingspan:** 980mm (38.6in)
- Weight:** 2,999-3,4Kg (6.6-7.5lb)
- Fan Size:** 1 x 80mm diameter EDF

* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic/PNP/ARF Plus configurations *** Needed to Complete both ARF Plus Only

Viper 70mm EDF

The Viper 70mm EDF offers smooth, sport airplane-like handling plus incredible performance and aerobatic capability. At its core is a 6S-compatible brushless motor and 70-amp ESC that are matched to a 12-blade fan to deliver an abundance of speed, thrust and a turbine-like sound. Digital, metal-g geared servos and ball-link equipped linkages provide precise control, and the lightweight yet strong EPO airframe adds to the durability and precision. Functional, factory-installed flaps and electric retracts are included to provide the best jet experience and the widest flight envelope possible.

- Motor:** 2860 1850Kv Brushless Outrunner
- ESC:** 70A Brushless ESC with EC5 Connector
- Servo:** 8 x 9gram metal gear servo
- Receiver:** Spektrum AR631 6-Channel *
- Battery:** 6S 3300-4800mAh 50C Li-Po**
- Charger:** 6-cell Li-Po battery balancing charger**
- Transmitter:** 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

- Length:** 1025mm (40.5in)
- Wingspan:** 1110mm (43.3in)
- Weight:** 1899-1984g (67-70oz)
- Fan Size:** 70mm diameter EDF

- COMPETENT
- Length:** 1281mm (50.43in)
- Wingspan:** 1400mm (55.12in)
- Weight (no battery):** 2473g (5.45lbs)
- Fan Size:** 90mm diameter EDF

- SMART
- SAFE

BIGGER & BETTER

Viper



Viper 90mm EDF

The E-flite Viper 90mm EDF Jet model delivers the widest flight envelope possible — whether you've flown many jets before or even if it's your first large-scale jet model. We scaled up the extremely popular Viper 70mm EDF to create the first 90mm EDF powered and largest jet from E-flite yet! This larger version delivers the same excellent speed, vertical performance and aerobatic capabilities, plus it's still easy to take off, fly and land. It's the perfect large-scale EDF choice for low-time and experienced jet pilots alike!

- Motor** 3670-1950Kv 4 Pole Brushless Outrunner
- ESC** Avian 130A SMART ESC with IC3 Connector
- Servo** 8 x Digital Metal Geared Servo
- Receiver** AR637TA 6-Channel Telemetry Receiver
- Battery** 6S 22.2V 5000mAh with IC5/EC5 Connector
- Charger** Compatible LiPo balance charger
- Transmitter** 6+ channel Spektrum DSMX with Dual Rates

- EFL17750
- EFL17770

mini HOG




			Length: 316mm (20.3in)	Weight (without bat): 120g (4.2oz)		
			Wingspan: 562mm (22.1in)	Fan Size: 2 x 30mm diameter EDF		



UMX A-10 Thunderbolt II EDF

The E-flite UMX A-10 Thunderbolt II Twin 30mm EDF ultra micro jet is the most practical and easiest to fly A-10 RC model yet! It's 100% factory-assembled and ready to deliver an authentic A-10 jet flying experience almost immediately. The fully-moulded airframe features a factory-applied "desert camo" trim scheme and is strengthened with a carbon fibre reinforced fuselage and nose. Factory-installed twin brushless power systems feature more powerful 2S and 3S-compatible outrunner motors with larger diameter 30mm fans, for improved vertical performance and speed.


 EFLU6550












								
Motor 2 x 8800Kv Brushless Outrunner	ESC Integrated Receiver and Dual ESC	Servo 4 x 2.3 gram Linear Throw Servo	Battery 3S 850mAh 30C Li-Po with IC2 Connector	Charger 3 cell Li-Po battery balancing charger	Transmitter Spektrum DSMX with Dual Rates			



UMX Turbo Timber

At the heart of the iconic UMX Timber model's evolution into the UMX Turbo Timber is the addition of a 3400Kv motor and a 3-blade prop. When using the same 2S 280mAh batteries, this Turbo version provides even better STOL performance with shorter takeoffs and faster climbs. Its high-wing configuration and exclusive optional-use SAFE Select technology provide plenty of stability to make the UMX Turbo Timber a great choice if you've mastered flying at least one model before. You'll also enjoy extreme aerobatic capabilities and have the power to hover, then climb out vertically.


 EFLU6950












	Motor: BL180 Brushless Outrunner 3400Kv		Length: 467mm (18.4in)		Weight: 124g (4.3oz)
	ESC: Integrated Receiver & ESC with JST PH Connector		Wingspan: 700mm (27.6in)		Wing Area: 7.7 sq/dm (119 sq/in)
	Servo: 2 x 2.3 gram Linear Long Throw Offset Servo				
	Receiver: Integrated Receiver & ESC				
	Battery: 2S 280mAh 30C Li-Po**				
	Charger: Compatible LiPo balancing charger**				
	Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**				



UMX Radian

The UMX Radian ultra-micro motor glider became a class favourite by delivering a unique flying experience you simply can't get from any other model. Advanced EPS construction provides a lightweight yet durable airframe. The distinctive, gracefully curved polyhedral wing and efficient airfoil deliver outstanding soaring performance and long flight times with or without motor power. Due to its traditional motor glider design, the Radian is inherently stable and easy to fly almost anywhere — indoors in gymnasiums and other suitable spaces, and outdoors in most yards, parks and sports fields.


 EFLU2950












	Motor: Brushed		Length: 418mm (16.5in)		Weight (no battery): 41g (1.4oz)
	ESC: Integrated Receiver & ESC with PH 1.5 Connector		Wingspan: 730mm (28.7in)		Weight (with battery): 45g (1.6oz)
	Servo: 8 x 9gram metal gear servo				
	Receiver: Integrated Receiver & ESC				
	Battery: 1S 150mAh 25C Li-Po**				
	Charger: Compatible LiPo charger**				
	Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**				



UMX Citation Twin 30mm EDF

The E-flite UMX (Ultra Micro eXtreme) Citation Longitude is an officially-licensed scale replica of the icon in the making that re-defines performance for ultra micro class EDF jets by being the most powerful model in its class yet. With 3S-compatible 30mm EDF power systems, a scale outline and trim scheme, plus functional features including a full-flying stab and LED lights along with exclusive AS3X and optional-use SAFE Select technologies, it offers a unique and exciting twin EDF experience - in a size that makes it possible to fly a jet in more places and smaller spaces including at soccer fields, football fields and large parks!


 EFLU6350











	Motor: 8800Kv Brushless Outrunner		Length: 632mm (24.9in)		Weight: 188g (6.6oz)
	ESC: Dual ESC with JST Connector/6 Channel Receiver		Wingspan: 638mm (25.1in)		Fan Size: 2 x 30mm diameter EDF
	Servo: 2.3 gram linear long throw offset Servo				
	Receiver: Dual ESC / 6 Channel Receiver				
	Battery: 3S 1100mAh with JST Connector**				
	Charger: Compatible LiPo balancing charger**				
	Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**				



UMX Ultrix

This twin brushless motor-powered, delta wing airplane excels at smooth sport flying, basic aerobatics and even aggressive 3D - all in the same flight. Its incredible power-to-weight ratio provides hovering capability and unlimited vertical performance. Differential thrust adds yaw control and the ability to perform advanced aerobatic manoeuvres including harriers, amazing flat spins and more. Plus EPP construction makes it the most durable UMX model yet - ready to thrill RC pilots with more performance in more places and smaller spaces!

 EFLU6450

	Motor: 2 x 13,500Kv Brushless Outrunner		Length: 320mm (12.9in)		Weight: 65g (2.29oz)
	ESC: Integrated Receiver and Dual ESC		Wingspan: 342mm (13.5in)		
	Servo: 2 2.3 gram Performance Linear Long Throw				
	Receiver: Integrated Receiver and Dual ESC				
	Battery: 1S 3.7V 500mAh LiPo with JST Connector**				
	Charger: Compatible LiPo balancing charger**				
	Transmitter: 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**				

LIGHT UP THE NIGHT SKY

	Motor: Brushless Inrunner		Flight Controller: Spektrum Receiver, ESC and (2) Servo Control Unit		Battery: 1S 150mAh Li-Po		Charger: Compatible LiPo balance charger		Transmitter: 4+ channel Spektrum DSMX
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UMX Night Vapor

With enhanced durability, the UMX Night Vapor is now even better at handling bumps and collisions when flying indoors in suitable spaces such as large rooms or gymnasiums, or outside almost anywhere in calm to low wind conditions. Plus, you can choose between two fully factory-assembled versions: the convenient, all-in-one-box Ready-To-Fly that includes a transmitter, battery, and charger, or the Bind-N-Fly Basic that helps you lower costs by using your own compatible Spektrum transmitter, battery, and charger. Either way, you can be flying almost anywhere, day or night, in just the time it takes to charge a battery!

* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic and PNP configurations



Ultrix 600mm

The unique delta wing design excels at smooth sport flying, basic aerobatics, and even aggressive 3D — all in the same flight. This scaled-up version offers the same unique capabilities AND the advantages of a larger size. It's easier to fly because it's easier to see and handles more wind. The Ultrix 600mm also uses more common 3S 800–850+ mAh batteries and includes an optional-use fixed nose wheel so it can takeoff from and land on smooth surfaces. Like the original, it has an incredible power-to-weight ratio for hovering capability and unlimited vertical performance.

ENF EFL02250

Length:
414mm (16.3in)
Wingspan:
600mm (23.6in)
Weight:
249g (8.78oz)

Ultrix



Motor
1206 - 3900Kv
12 Pole
Brushless
Outrunner



ESC / Rx
Integrated
Receiver and
Dual ESC
with IC2
Connector



Servo
2.9 gram
Linear Long
Throw Servo



Battery
11.1V 3S
850mAh with
IC2
Connector



Charger
Compatible
LiPo balance
charger



Transmitter
6+ channel
Spektrum
DSMX with
Dual Rates



Length:
1260mm (49.6in)
Wingspan:
1308mm (51.5in)
Weight:
1510-1696g
(53.3-59.8oz)
Wing Area:
36.9 sq/dm
(572 sq/in)

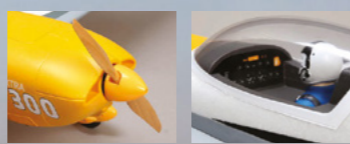


EXTRA SOMETHING

Extra 300

This 1.3m scale model offers nearly unlimited aerobatic and 3D performance potential—even beyond that of the full-scale design. Fast and precise factory-installed digital, metal-gear servos and ball-link equipped linkages drive the oversized control surfaces to deliver incredible 3D and precision flight capabilities. The 3S and 4S compatible power system features a 60-amp ESC that pairs perfectly with the outrunner motor equipped with a lightweight wooden propeller to deliver outstanding thrust and vertical performance, plus extremely crisp throttle response. The Extra 300 3D 1.3m will offer unexpected levels of capability and performance you'll enjoy flight after flight.

ENF EFL115500



Motor
4250 - 910Kv
Brushless
Outrunner



ESC
60A ESC
with IC3
Connector



Servo
4 x 23g
Digital Metal
Geared
Servo



Receiver
AR631
6-Channel
Receiver



Battery
3-4S 2200-
3200mAh
with IC3/EC3
Connector



Charger
Compatible
LiPo balance
charger



Transmitter
6+ channel
Spektrum
DSMX with
Dual Rates

Ultimate 3D



Length:
1082mm (42.6in)
Wingspan:
955mm (37.6in)
Weight:
1.47Kg (3.25lb)
Wing Area:
33.5sq/dm (519 sq/in)



Ultimate 3D **ENF** EFL16550 **PNP** EFL16575

With the Ultimate 3D, E-flite has updated and upgraded that proven airframe to modern-day standards. Its new power system offers better 3S performance and BALLISTIC power with a 4S battery. Higher-torque and higher-speed metal-gear servos keep you firmly in control with the extra power. It's also equipped with a 60-amp Spektrum Avian Smart ESC, and the BNF Basic version is equipped with an AR637TA receiver that offers full-range telemetry including real-time battery voltage, current, temperature and more - along with motor reversing for special ground handling and other capabilities - when using compatible transmitters.



Motor
BL10
Brushless
Outrunner



ESC
Smart 60A
ESC



Servo
4 x 9 gram
Servo



Receiver
AR637TA
6-Channel
Telemetry
Receiver



Battery
3 or 4S
2200mAh
30C Li-Po



Charger
3-4 cell
Li-Po battery
balancing
charger



Transmitter
Spektrum
DSMX with
Dual Rates

Timber X 1.2m

With oversized control surfaces plus a 3S and 4S compatible power system, it offers an even wider flight envelope to deliver a truly "mild to wild" experience. Hollow-core EPO construction with composite reinforcement results in a lightweight yet strong airframe that's capable of handling extreme aerobatic maneuvers while keeping the wing loading low for impressive Short Takeoff and Landing and slow flight performance. Equipped with high-torque, metal-gear servos plus the shock-absorbing landing gear ensures you can fly as aggressively as you want from almost any surface.

ENF EFL3850 **PNP** EFL3875

- Motor:** 10BL Brushless Outrunner 900Kv
- ESC:** 50A Brushless ESC
- Servo:** 6 x 9 gram digital metal gear
- Receiver:** AR631 6-Channel Sport Receiver *
- Battery:** 3S-4S 2200mAh 30C LiPo **
- Charger:** 3-4-cell Li-Po battery balancing charger **
- Transmitter:** 6+ channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

Length:
1055mm (41.5in)
Wingspan:
1200mm (47.5in)

Weight:
1.56Kg (55oz)
Wing Area:
34sq/dm (527.3 sq/in)

* Needed to Complete PNP configuration Only ** Needed to Complete both BNF Basic and PNP configurations



Night Timber X 1.2m

The Night Timber X 1.2m adds factory-installed, high-visibility LED lights throughout the already proven Timber X airframe for flying all day AND all night! Equipped with a 60-amp Spektrum Avian Smart ESC, and the BNF Basic version is equipped with an AR637TA receiver that offers full-range telemetry along with motor reversing for special ground handling and other capabilities - when using compatible transmitters. Hollow-core EPO construction with composite reinforcement results in a lightweight yet strong airframe that offers the same flying weight as the original Timber X!

ENF EFL13850 **PNP** EFL13875

- Motor:** 10BL 900Kv Brushless Outrunner
- ESC:** Avian Smart 60A ESC with IC3 Connector
- Servo:** 6 x 9g Sub Micro Analog Metal Gear Servos
- Receiver:** Spektrum AR637TA 6-Channel Telemetry*
- Battery:** 3-4S 2200mAh Li-Po IC3/EC3 Connector**
- Charger:** Compatible Li-Po balancing charger**
- Transmitter:** 6 channel 2.4GHz with Spektrum DSMX technology with adjustable Dual Rates**

Length:
1055mm (41.5in)
Wingspan:
1200mm (47.5in)

Weight:
1.61Kg (57oz)
Wing Area:
34sq/dm (527.3 sq/in)



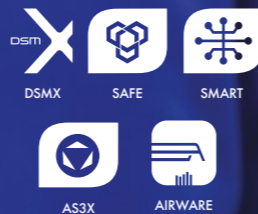


Recommended Accessories

The Spektrum lineup of products has grown to encompass every technological element of your RC hobby, all the while offering a higher connection through the development of SAFE, AS3X and SMART technologies. This technology works together to make you more aware and more confident about the capability of your equipment—all while making vital components of your model easier to use than ever.



SPEKTRUM EXCLUSIVE TECHNOLOGIES



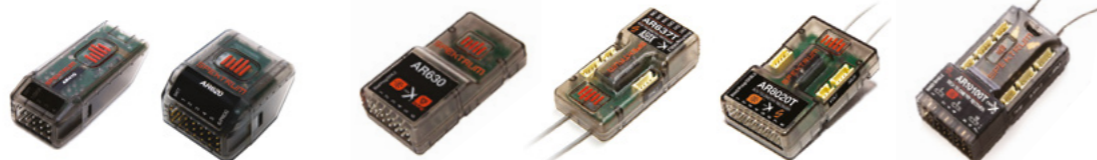
Receivers

The Spektrum range of receivers utilise key technologies to further enhance your modeling experience. They are:

AS3X Enhances flight stability by countering the effects of wind, turbulence, and other outside forces to help your aircraft fly smoothly and with precision.

SAFE SAFE (Sensor Assisted Flight Envelope) technology flight modes help pilots avoid over-controlling their models.

SMART When used with the ecosphere of Smart products the receiver provides vital data such as current, voltage, temperature and RPM is sent directly to your transmitter.



Sport/Telemetry Receivers

These receivers are full-range, DSMX compatible with a compact footprint to fit in a wide range of models. Integrated with fly-by range telemetry that includes flight log and receiver battery pack voltage data. Access to telemetry is automatic when used with telemetry-capable Spektrum transmitters.

SPMAR410 AR410 4 Ch. Receiver
SPMAR620 AR620 6 Ch. Receiver

AS3X/SAFE/Programable Receivers

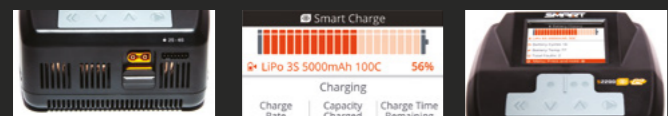
Featuring all the great benefits of DXSX and Telemetry, these receivers have the additional capability to utilise AS3X, SAFE and SMART technology. In addition to this they have Forward Programming capabilities which means you can configure the receiver directly through the Spektrum compatible transmitter.

SPMAR630 AR630 6 Ch. Receiver
SPMAR631 AR631 6 Ch. Receiver
SPMAR637T AR637T 6 Ch. Receiver
SPMAR6610T AR6610T 6 Ch. Receiver
SPMAR8020T AR8020T 8 Ch. Receiver
SPMAR8360T AR8360T 8 Ch. Receiver
SPMAR10100T AR10100T 10 Ch. Receiver
SPMAR10360T AR10360T 10 Ch. Receiver

Chargers

The S1400 and S2200 Smart G2 AC Chargers have improved user interface, and ability to fast charge Smart batteries on either the IC3 or IC5 integrated output port, these charger offers a versatile and truly hassle-free charging experience. Its Auto Charge feature recognises your Smart battery's parameters, such as chemistry type and charge rate, and begins safe, correct charging automatically when the charge lead is connected.

SPMXC2010 S2200 Smart G2 AC Charger 2x200W
SPMXC2040 S1400 Smart G2 AC Charger 1x400W



SELECT IC3 or IC5 CHARGING OUTPUT

CHARGE TIME REMAINING CLOCK

IMPROVED USER INTERFACE

Smart LiPo Batteries

New "Generation 2" features make these powerful LiPo packs even simpler and safer to use together with your Smart charger. Not only are charging parameters and performance data stored and uploaded automatically to Smart chargers, but no balance lead is needed — just one easy IC connection! Smart G2 batteries come from the factory programmed to discharge automatically to a safe storage voltage of 3.90V after 72 hours of inactivity.



INTERGRATED MICROCHIP STORES KEY DATA

3S
4S
6S

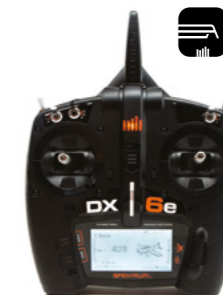
SPMX133S30 11.1V 1300mAh 3S 30C: IC3
SPMX223S100 11.1V 2200mAh 3S 100C: IC3
SPMX323S30 11.1V 3200mAh 3S 30C: IC3
SPMX224S50 14.8V 2200mAh 4S 50C: IC3
SPMX324S50 14.8V 3200mAh 4S 50C: IC3
SPMX324S100 14.8V 3200mAh 4S 100C: IC3
SPMX186S50 22.2V 1800mAh 6S 50C: IC3
SPMX326S50 22.2V 3200mAh 6S 50C: IC3
SPMX56S50 22.2V 5000mAh 6S 50C: IC5
SPMX76S30 22.2V 7000mAh 6S 30C: IC5

DX Series - Functionality

For any RC flight enthusiast looking to strike the perfect balance between economy and innovative, high-end features the DX range of transmitters have got you covered. Featuring the latest DSMX technology and offering SMART and SAFE technology compatibility, this series of radios have you covered for your first steps into RC flight.



DXS : SPMR1010



DX6e : SPMR6655EU



DX8e : SPMR8705EU

NX6

This 6-channels radio features an additional switch specifically for SAFE Select and is the first model in the NX series. With voice feedback, simulator and wireless trainer connectivity, it is the ideal choice for someone looking for a premium radio.

NX8

The NX8 offers an additional switch and rotary dial. This means it can operate upto 8-channels for those who are looking to fly models with additional control functions.

NX10

Featuring ultra-smooth hall-effect sensor gimbals for pin point precision, the NX10 gives pilots access to a wide array of Spektrum exclusive advantages and innovations.



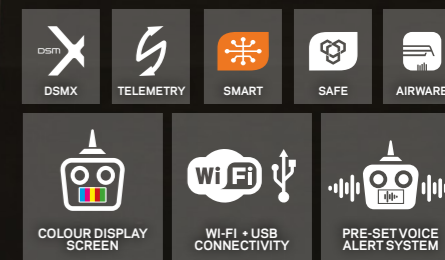
NX6 : SPMR6775EU

NX8 : SPMR8200EU

NX10 : SPMR10100EU

NX Series - Refined

For a more sophisticated radio, the NX series radios include large 3.2" colour displays, voice alerts, USB connectivity, WiFi and more. With the Spektrum NX series, you'll enjoy the versatility needed to operate your models to their fullest potential and to fly complex aircraft such from EDF's to giant scale balsa airplanes.



iX Series - Intelligent

The iX series may be the most advanced and intelligent transmitter available with an Android touch-screen interface – but that doesn't mean it's hard to use. The 720p colour touch-display makes working with state-of-the-art technology comfortable and exciting. All-new Spektrum AirWare firmware has been streamlined and enhanced to deliver an overall faster experience. When you delve into the details, you'll see that the iX range offers so much more in addition to top-class features, easy programmability, and the capabilities required to fly high-performance aircraft.



iX12 : SPMR12000EU

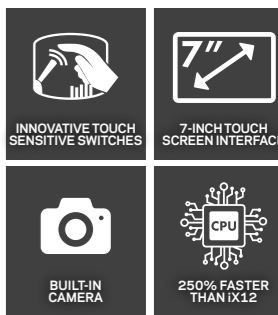


iX20 : SPMR20100EU
iX20 SE : SPMR20110EU

The iX12 radio is an intelligent 12-channel transmitter matched with a powerful combination of features and next-level connectivity. Groundbreaking yet comfortably familiar, RC pilots of all aircraft types can use the iX12 to out fly everything in its class.

This feature-packed 20-channel transmitter is designed to meet the present and future needs of pro pilots who want top-class features, easy programmability, and the capabilities required to fly high-performance aircraft.

Additional iX20 Features



iX20 SE Extra Features



ALUMINIUM GIMBALS

THE MOST REALISTIC SIMULATOR YET



REALFLIGHT



Including the newest and most popular aircraft from E-flite and Blade



Modelled after the Spektrum range of transmitters for a familiar feel



Game-like challenges that make flight training fun and interactive. Use a VR headset with Realflight and get in the cockpit.



RealFlight is the #1 RC flight simulator in the world! It's the absolute best tool new RC pilots can use when learning how to fly. It also makes it possible for experienced RC pilots to practice new manoeuvres and to hone their skills so they can become even better pilots.

With more than 175 different aircraft to fly — including airplanes, helicopters, drones, and more — at over 40 different flying sites, plus the ability to edit aircraft and sites, there's an almost infinite number of flying options available. Add in Virtual Flight Instructor lessons, game-like challenges, multiplayer options so you can fly and compete with other pilots online, compatibility with VR headsets, and many, many more features, and you have everything you need to succeed at the field — because you can “fly” on a desktop at home, or on a laptop just about anywhere else!

RFL1200S RealFlight 9.5S Simulator with Spektrum InterLink Controller
RFL1201S RealFlight 9.5S Flight Simulator Software Only



EFL2022-1



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