



HYPERION ATLAS SERIES BRUSHLESS SPEED CONTROLLERS



The new Atlas series ESC follow the lead of the new Hyperion Zs and Hs motors in terms of materials, design, and quality control. Via components such as an expensive 8-layer PCB and the newest, high-spec FETs, they achieve our goal of the lowest resistance, highest performing ESC on the RC market today. Capping the superb hardware is an excellent new firmware driver, which provides smooth and efficient motor driving, and a marvelously stable helicopter governor mode. Look for Hyperion Atlas speed controllers at World Championship R/C events this year and next.



The ATLAS ESC come with an Infrared Remote Transmitter (above right) and Receiver (right), which allows you to set the many programming options easily without connecting to the ESC.

The Hyperion Emeter II (left) can also program the ATLAS ESC, with helpful text visible for each option during the programming process.



Download ATLAS ESC & MOTOR GUIDE:

[English Language](#)

[Chinese Traditional](#)

PART NUMBER	L x W x H (mm)	Weight (g) ¹	Max Input Volts/Lipo S	Current ² Continuous	Ri mΩ	BEC Max Output	
ATLAS 2S~4S ESC with Linear BEC (release Aug 1 2009)							
HP-ATLAS-012LB	26.8 x 17.5 x 5.2	9.5	15V/4S ³	12A	6.77	1A/5V	photo
HP-ATLAS-025LB	51.0 x 26.1 x 8.8	27.3	15V/4S ⁴	25A	3.66	3A/5V	photo
HP-ATLAS-035LB	69.1 x 30.1 x 9.0	39.5	15V/4S ⁴	35A	2.56	3A/5V	photo
HP-ATLAS-045LB	75.7 x 30.1 x 9.6	45.4	15V/4S ⁴	45A	2.33	4A/5V	photo
HP-ATLAS-060LB	69.7 x 30.1 x 14.0	66.3	15V/4S ⁴	60A	1.38	4A/6V ⁶	photo
HP-ATLAS-070LB	73.8 x 30.1 x 13.2	67.1	15V/4S ⁴	70A	1.28	3A/5V	photo
HP-ATLAS-110LB	92.9 x 30.1 x 13.2	84.4	15V/4S ⁴	110A	0.78	4A/5V	photo
ATLAS 2S~6S ESC with Switching BEC (release Aug 1 2009)							
HP-ATLAS-030SB	67.8 x 30.1 x 9.2	43.3	26V/6S	30A	2.00	4A/5.5V	photo
HP-ATLAS-045SB	73.0 x 30.1 x 9.2	47.9	26V/6S	45A	1.32	4A/5.5V	photo
HP-ATLAS-060SB	66.5 x 30.1 x 13.4	64.5	26V/6S	60A	1.00	4A/5.5V	photo
HP-ATLAS-090SB	78.3 x 30.1 x 13.4	72.5	26V/6S	90A	0.98	4A/5.5V	photo
HP-ATLAS-120SB	84.0 x 30.1 x 13.4	71.6	26V/6S	120A	0.66	4A/5.5V	photo
HP-ATLAS-180SB	85.5 x 30.1 x 17.5	113.1	26V/6S	180A	0.50	4A/5.5V	photo
ATLAS 4S~12S OPTO ESC (release est. Sep 15 2009)							
HP-ATLAS-090OP	91.0 x 47.3 x 23.5	173.7	50V/12S	90A	TBA	N/A	photo
HP-ATLAS-130OP	91.0 x 47.3 x 23.5	175.5	50V/12S	130A	TBA	N/A	photo
ATLAS 4S~12S OPTO ESC (release est. Oct 15 2009)							
HP-ATLAS-150OP	177.0 x 59.4 x 20.0	282.6	68V/16S ⁵	150A	TBA	N/A	TBA
HP-ATLAS-200OP	122.1 x 75.6 x 45.1	475.0	68V/16S ⁵	200~225A TBA	TBA	N/A	TBA
TECH NOTES							
1 - Weights are with full-length wires.							
2 - Continuous currents listed require good air-flow cooling. Peak rated current = 120% of continuous.							
3 - 012LB should not be used with 4S LiPo unless BEC (red) wire is removed from Rx connector block.							

4 - Other LB ESC rated max 4 servos on 3S, 2 servos on 4S.
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5 - 68V (16S) rating is the physical limit of components. Usage limit may be lower depending on country.
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6 - 060LB has 6V BEC output. Excellent choice for 450-class Heli, 3D airplanes, etc. Requires servos rated for 6V maximum or greater.

Warranty Coverage

Hyperion ATLAS ESC are guaranteed for defects in materials and workmanship (solder joints, etc) for **one year** from date of purchase.

ATLAS ESC are **NOT** guaranteed for the following:

- Physical Damage to the ESC occurring after purchase (impact, water/moisture/salt, etc)
- Use outside of specifications
- ESC which fail while CURRENT PROTECTION feature is turned OFF
- Short circuit or reversed polarity of input power
- ESC which have been disassembled or modified by the user (other than reducing wire length)
- Returns without copy of Original Receipt
- Returns without accompanying note stating the reason for return

For ESC with problems NOT due to defects in workmanship or materials (i.e. a crash, water damage, etc...) you may return the ESC to your nationwide distributor in trade for a 45% discount on new ESC.

Your selling dealer is your first point of contact for warranty issues. Please contact your dealer for advice BEFORE returning any item. In many cases your dealer can help you solve a problem without return. Return postage is the responsibility of the user in all cases.

You MUST Submit copy of original receipt, and explanation of the problem with the return.

Returned units should be examined by the Hyperion dealer's tech department within 10 days of arrival, maximum, and contact made with the user to explain the findings.