



Www.aerovoltz.net

Phone:336-688-3479



AVAI-270 8-Cell Intelligent Lithium Iron Phosphate Experimental Battery with full BMS protection with true circuit breaker protection

<p>Dimensions: (Standard) 5.9" L X 3.4" W X 3.7"H Negative Terminal Location: Dual Locations right and left Weight: (1.9lb) Voltage (Charged): 13.6V Lead Acid Equivalent Amperage: 4.5 A/H @ 10 A/H Rating Pulse Cranking Amps: 270 Amps Operating Environment: -18°C (0°F) to 60°C (140°F) Retail Price: \$169.95 Includes charging cord and Foam inserts</p>	<p style="text-align: center;">Applications for 100 amp to 200 amp starter draw</p> <ul style="list-style-type: none"> • Rotax twin cylinder two strokes up to 600cc • Hirth twin cylinder two strokes up to the 3503 70HP Series • HKS-700E series two cylinder four stroke engines
---	--



AVAI-360 12 Cell Intelligent Lithium Iron Phosphate Experimental Battery with full BMS protection with true circuit breaker protection

<p>Dimensions (Standard): 6.9" (L) x 3.4" (W) x 5.1" (H) Negative Terminal Location: Dual Locations Weight: 2.6bs. Voltage (Charged): 13.6V Lead Acid Equivalent Amperage: 6.1A/H @ 10 A/H Rating Pulse Cranking Amps: 360 amps Operating Environment: -18°C (0°F) to 60°C (140°F) Retail Price: \$229.95 Includes charging cord and Foam inserts</p>	<p style="text-align: center;">Applications for 200 amp to 300 amp draw</p> <ul style="list-style-type: none"> • Jabiru 2200 and 3200 series engines • Rotax 912 and 914 series engines • All Two Stroke Applications
--	---



AVAI-480 16 Cell Intelligent Lithium Iron Phosphate Experimental Battery with full BMS protection with true circuit breaker protection

<p>Dimensions (Standard) 6.9" (L) x 3.4" (W) x 5.1" (H) Negative Terminal Location: Left Weight: 1611 grams (3.3lbs.) Voltage (Charged): 13.6V Amperage: 9.2Amp/Hour Lead Acid Equivalent Amperage: 8 A/H @ 10 A/H Rating Pulse Cranking Amps: 480 amps Operating Environment: -18°C (0°F) to 60°C (140°F)</p>	<p style="text-align: center;">Applications for 300 amp to 500 amp draw</p> <ul style="list-style-type: none"> • Jabiru 2200 and 3200 series engines • Rotax 912 and 914 series engines • VW and Corvair Engines • Lycoming IO 360 200 HP series & 4 cylinder engines • Continental 4 cylinder engines • All Two Stroke Applications
---	---



Battery Management System (BMS)

All **NEW** Aerovoltz Intelligent Lithium Batteries contain a BMS system.

A battery management system is an electronic management system inside the battery that manages the charging of the Battery by protecting it from overcharging, balancing the cells during the charging process and make sure the battery operates in a safe environment.

The BMS will manage the following functions:

Over Charge Protection / Over Current Protection / Over Discharge Protection / Short Circuit Protection
 Temperature Protection HIGH and LOW / Self discharging in non-active mode

The New Artificial Intelligence (AI) Series Experimental Aircraft Batteries are the result of years of testing and flight hours around the globe



AVAI–Battery Series and AVAI-Charger in a convenient kit. Choose either the 270/360/480 series battery and match the charger with it for a 5% discount for purchasing both in the kit. Visit www.aerovoltz.net to see pricing and ordering information.

Aerovoltz AI Intelligent Lithium Charger is a 4 amp charger designed to keep your battery fully charged— The charger is lightweight and compact for use in small spaces. The Infinite Sequential Monitoring (ISM) of the charging process (qualification, bulk charge, absorption, and float) allows for a smooth transition between charging steps.

Aerovoltz Batteries
 3003 Campfire Court , Jamestown NC
 Contact: Steve Johnson 336-688-3479
steve@aerovoltz.com www.aerovoltz.net