

APHV Series

High-voltage Battery Solution for Solar System



Aeson Power APHV Series

The high-voltage battery, featuring advanced Battery Management System (BMS) technology, excels in safety, efficiency, versatility, and longevity. Its sophisticated BMS ensures continuous monitoring, preventing overcharging and overheating. With built-in Wi-Fi, users can access real-time data and manage their energy storage easily. Suitable for various applications and capable of connecting to five strings in parallel, it offers flexibility and a prolonged life cycle, making it a cost-effective and sustainable energy storage choice.



High-voltage Battery System

Working with a range of high-voltage hybrid inverters



Lithium-ion Phosphate (LFP)

BMS technology ensures battery safety and reliability and a long life cycle



Wi-Fi Function

Supports remote fault diagnosis and the OTA upgrade function



Capacity Range

A Single string available from 6.1kWh to 15.4kWh and support parallel connection



03 9545 5993



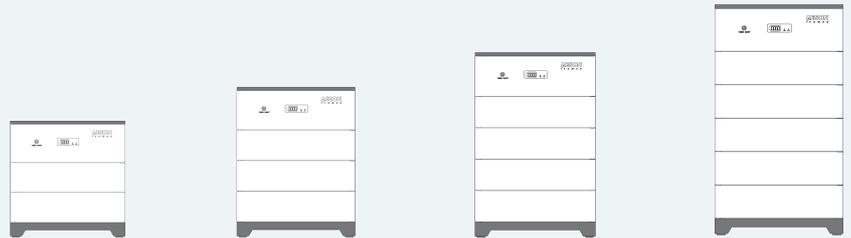
info@aesonpower.com.au



www.aesonpower.com.au

APHV Series

High-voltage Battery Solution for Solar System



Module No.	APHV 5.5	APHV8.3	APHV11.1	APHV13.8
Battery Module	APHV (3.072 kWh, 102.4V, 39kg)			
Battery Module Quantity	2	3	4	5
Nominal Voltage	204.8V	307.2V	409.6V	512V
Operating Voltage	182 ~ 230V	273 ~ 345V	364 ~ 460V	456 ~ 576V
Battery System Capacity (kWh)	6.14	9.22	12.29	15.36
Usable Energy Capacity (kWh)	5.53	8.29	11.06	13.82
Max Output Current	30A			
Peak Output Current	60A, 3s			
Dimension (L * W * H, mm)	600*320*588	600*320*759	600*320*932	600*320*1105
Communication	RS485/CAN			
Temperature Range	Charge: 0~55°C; Discharge: -20~55°C			
Cycle Life	≥6000 @25°C 80%DoD @25°C 60%EOL			
Humidity	5% ~ 95% (RH) No Condensation			
IP Rating	IP65			
Weight (Kg)	113	155	197	239