



AES - 051100

Technical Specifications

Model:	HAIKAI AES - 051100
Nominal Voltage:	51.2 V
Nominal Capacity:	100 Ah (25±2 °C, 0.5 C discharge, new cell)
Internal Resistance:	≤45 mΩ (At 1 KHz after standard Charging)
Charging Voltage:	56-57 V
Discharge End Off Voltage:	43.2 V
Standard Continuous Charging Current	20 A (0.2 C)
Max. Continuous Charging Current	50 A (0.5 C)
Standard Continuous Discharge Current:	50 A (0.5 C)
Max. Continuous Discharge Current:	100 A (1 C)
Operating Temperature:	0-60 °C (Discharging), -20-50 °C (Charging)
Cycle Life:	6000 Cycles (80% DoD)
Dimensions (WxDxH):	440 mm, 440 mm, 131 mm
Weight:	44 kg
BMS Monitor:	Pack Voltage, Single Cell Voltage, Charging Current, Discharging Current, Temperature, Working Mode, SOC, Alarm Information
Certificate:	IEC62619, UL1642, CE, UN38.3

AES - 051100

Commercial Battery Pack System



Module Size:
 W: 440 mm
 D: 440 mm
 H: 131 mm

Module Weight: 44 kg

Available set ups:
 Rack, Frame, Cabinet



Modular design, easily expandable.
 Connect as series or parallel.

Series - 12 modules per tower. Max. 8 towers per system

Parallel - 4 modules per tower, Max. 2 towers per system

Automatic Fire Protection System