



Rechargeable LFP Battery

Low Voltage

HLES-LV-16



Bluetooth + WiFi
Real-time monitoring



Safer to Use
High-density LiFePo4 battery



Long Battery Life
6000 cycles life (DOD 80%)



Touch Screen Control
is available for this device



Stable & Reliable
Advanced BMS management



Widely Compatible
Compatible with mainstream inverters

Technical Specification

HLES-LV-16

BASIC INFORMATION		
Nominal Voltage	[V]	51.2
Voltage Range	[V]	40~58.4
Nominal Capacity	[Ah]	314
Rated Capacity	[kWh]	16.0768
Communication Protocol		CAN / RS232
Max. Number of Parallel Connections		32
Cycle Life		8000 cycles (25°C@80% DoD)
Protection Mechanism		Temperature Protection/Over-current Protection/Short-circuit Protection Over-charge Protection/Over-discharge Protection/Low-voltage Protection
CHARGING PARAMETERS		
Recommended Charging Current	[A]	100
Max. Charging Current	[A]	200
Recommended Charging Voltage	[V]	58
Max. Charging Voltage	[V]	58.4
DISCHARGING PARAMETERS		
Recommended Discharging Current	[A]	100
Max. Discharging Current	[A]	200
Recommended Battery Discharge Cut-off Voltage	[V]	46
Battery Cut-off Voltage	[V]	44
Battery Recovery Voltage	[V]	48
PRODUCT FUNCTIONS		
Screen Type		Touch Screen
Communication		Bluetooth + WiFi
Function		Auto-dialling communication
GENERAL PARAMETERS		
Dimension	[mm]	900*460*245
Protection Rating		IP20
Net Weight	[kg]	94.6
Shell Material		Sheet Metal
CERTIFICATION & SAFETY STANDARD		
Certification		CE / UN38.3, Class9
TEMPERATURE PARAMETERS		
Discharging Temperature	[°C]	-20~+60
Charging Temperature	[°C]	0~+55
Storage Temperature	[°C]	-20~+45