




RESIDENTIAL LOW VOLTAGE ESS



PowerHome-5.12kWh-L1

 Modular design

 High safety

 Easy installation

 High flexibility, matching with leading inverters

Residential Low Voltage ESS

Model	PowerHome-5.12-L1
Electrical Parameters	
Nominal Energy Usable Capacity [kWh]	5.12
Nominal Voltage [V]	51.2
Voltage Range [V]	44.8 ~ 57.6
Max. Continuous Charge Current [A]	75
Max. Continuous Discharge Current [A]	100
Peak Charge / Discharge Current [A]	110 (Protec)
Depth of Discharge	95%
General Data	
Battery Technology	LiFePO4
Dimensions [W * H * D] [mm]	481*535*140
Weight [kg]	44
No. of Modules in Parallel	Up to 50 Units in Parallel
Degree of Protection	IP20
Charging Temp. Range [°C]	0 ~ 55
Discharging Temp. Range [°C]	-20 ~ 55°C
Communication	CAN / RS485 / RS232
Certifications	
Certifications	UN38.3 / CE-EMC / IEC62619