



# Residential Low Voltage ESS



PowerHome-5.12kWh-L1

 Modular Design

 High Safety

 Easy Installation

 High flexibility, matching with leading inverters

## Residential Low Voltage ESS

**DUNEXT**

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
Recommended Charge/Discharge Current [A]	50
Max. Power Charge/Discharge Current [A]	75
Peak Power Charge/Discharge Current [A]	100 (15s)
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	0-55°C
Discharging Temp. Range	-20-55°C
Communication	CAN/RS485/RS232
	Certification
Certification	UN38.3/CE-EMC/IEC62619