



Residential Low Voltage ESS



PowerHome-2.4-L1

 Modular Design

 High Safety

 Easy Installation

 High flexibility, matching with leading inverters

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DUNEXT

Model	PowerHome-2.4-L1
	Electrical Parameters
Nominal Energy Usable Capacity[kWh]	2.4
Nominal Voltage [V]	48
Voltage Range [V]	42 ~ 54.75
Recommended Charge/Discharge Current [A]	25
Max. Power Charge/Discharge Current [A]	50
Peak Power Charge/Discharge Current [A]	55 (Protect)
Depth of Discharge	90%
	General Data
Battery Technology	LiFePO4
Dimensions (W*H*D) [mm]	480*405*90
Weight [kg]	22
No. of Modules in parallel	Up to 40 units in parallel
Degree of protection	IP20
Charging Temp. Range	0-55°C
Discharging Temp. Range	-20-55°C
Communication	CAN/RS485
	Certification
Certification	UN38.3/CE-EMC/IEC62619/IEC62040/CEC Accredited/CEI-021/UL1973/REACH/ROHS/UKCA/GOST-R