

RECHARGEABLE LITHIUM BATTERY

51.2V 314Ah

LFP 16KWH / LV-TS



High inverter compatibility



Natural cooling system



>15 Years life span



Reliable LFP cells



Scalable up to 64kWh 4 (Parallel)



Cells cycle times 6000 cycles



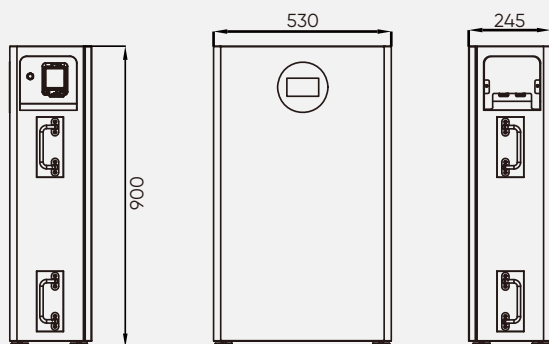
CANbus standard connection



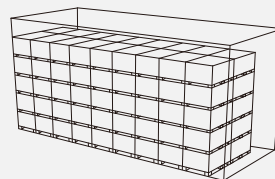
IP65 Rating Triple hardware protection



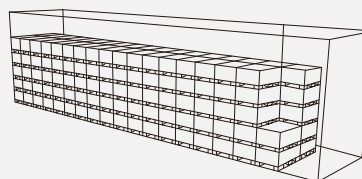
Smart BMS system to optimize the performance



20'GP


90
PIECES
CONTAINER

40'HQ


177
PIECES
CONTAINER

Electrical Characteristics

Module Type	LFP 16KWH / LV-TS
Nominal Capacity (at 25°C)	16kWh
Usable Capacity (90%DOD)	14.4kWh
Nominal Dis-/ Charge Power	10kW
Peak Power _(Only Discharge)	11.6kW for 3 seconds
Constant Current _(Only Discharge)	200A
Operating Voltage Range	43~58V
Nominal Voltage	51.2Vd.c
Weight	120kg
Dimensions (mm)	530*900*245mm
Certificates	UN38.3
Operating Condition	Indoor or outdoor
Operating Temperature Charge	From 0~60°C
Operating Temperature Discharge	From -30~60°C
Humidity	Up to 90% (non- condensing)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
IP Rating	IP 65
Protective Class	I
Max. Number of Parallel	4
Warranty	10 years
Life Span	>15 years
Communication Interface	CAN / RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current / Over-voltage / Short circuit / Under-voltage

Packing Configuration

Wooden Box Dimensions	1020×595×440mm	
Container	20'GP	40'HQ
Pieces per Pallet	1	1
Pallets per Container	90	177
Pieces per Container	90	177

Compatible Inverters

