



**LFP.6144**

\* 3D model available

- Selecting inverter communication protocol directly on the touch-screen
- Battery Cycle Life >6000 Times @ 25°C&0.5°C
- Max Parallel 16pcs to98.24kWh
- Discharge/Charge 120Amp
- Support 6000W Inverter
- Support 27 Inverter Communication protocols
- Warranty: 5 Years/10 Years(Optional)

**System Parameters**

Model	LFP.6144
Battery Cell	Lithium Iron Phosphate (cobalt-free)-LiFePO4
Energy Capacity	6.144kWh
Usable Capacity	5.83kWh
Nominal Voltage	51.2Vdc
Operate Voltage Range	44.8Vdc-57.6Vdc
Max Charge Current	120Amp
Max Discharge Current	120Amp
Max Parallel	16pcs to 98.24kWh
Cycle Life	≥6000times @ 0.5C & 25°C
Operate Temperature	Battery discharge: -10°C to +50°C, Battery Charge: 0°C to +50°C
IP Grade	IP21
Installation	Wall-Mounted or Floor Installation
Communication Port	CAN/RS485
BMS Monitoring	SOC, System Voltage, I/O Current, Cell Voltage, Cell Temp, Battery Status, Fault code
Support Inverter Brand	For CAN: Victron V1.0/SMA V2.0/ Studer V1.03/CNBOU V1.0/ PYLON V1.3/Goodwe V1.5/SUNGROW V1.3/Solis V1.0/SOFAR V1.0/Growatt V1.05/Growatt V1.01/Luxpower V1.0/ Sol-Ark V1.2/ TBB V1.02/Deye V1.0/LIVOLTEK V1.0/Sorotec V1.0/MEGAREVO V1.01/Afore V1.0/Sacolar V1.05 For RS485: PYLON V3.5/DEYE V1.0/SRNE V1.3/Growatt V2.01/SMKSOLAR V2.01/EPEVER V1.4/Voltronic V1.0
Products Size(W*D*H)	600*430*210mm
Weight	65kg

**Support Inverter Brand**

