

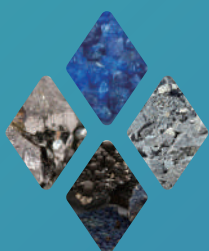


PS 5120E LFP Battery

51.2V 100Ah Reliable energy storage products.
Non-toxic, non-polluting
and environmentally friendly.



- Highest safety : LFP (Lithium iron phosphate) cell in side.
- Longest life: over 6000 cycles @ 90% DoD.
- Excellent Battery Management System.
- Support most Hybrid & Off-Grid inverter.
- 3U compact size.
- Flexible capacity selections : Up to 76.8 KWh without additional communication device.
- Max 100A discharge/ 80A charging current fulfill the most applications.



Material



Cell



Battery Module

Master of Energy Storage



TECHNICAL SPECIFICATIONS

MODEL	PS 5120E
ELECTRICAL DATA	
Cell Technology	Lithium Iron Phosphate (LFP)
Nominal Voltage [V]	51.2
Charging Voltage [V]	56
Discharge Cut-off Voltage [V]	44.8
Max Charging Current [A]	80
Max Discharging Current [A]	100
Nominal Capacity [Wh]	5120
DOD [%]	90
Communication	RS485, CAN
DIMENSIONS AND WEIGHT	
Height [mm]	133 (3U)
Width [mm]	442
Depht [mm]	460
Weight [kg]	46
GERNERAL DATA	
Life Cycles at 25 °C 90% DoD	>6000
Discharging Temperature [°C]	-10 ... 50
Charging Temperature [°C]	0 ... 50
Storage Temperature [°C]	-20 ... 60
Protection Class	IP20
Certification	EN 55032; EN 55035; UN38.3; IEC62619