

PL-02

PL-02 is designed for residential and small commercial applications and is equipped with an active balancing BMS. With high cycle times and long service life, it ensures a worry-free power usage experience.



Expansin Flexibility

Up to ~~15~~ units in parallel,
~~16KWh-241KWh~~ capacity
256KWh



Safe&Reliable

Short circuit protection, charge and discharge protection, anti-surge, SOH health detection



Long Lifespan

LFP cells,8000+ cycles



Easy to install

Support ground installation



Compatibility

Communication compatible with many mainstream inverters



Active Equilibrium

Equipped with active balancing circuit, longer lifespan

Parameter Specifications

Model	PL-02
Battery Type	LiFePO4
Rated voltage	51.2V
Rated capacity	314Ah
Energy	16.07KWh
Charging cut-off voltage	57.6V
Discharge cut-off voltage	43.2V
Internal resistance	≤20mΩ
Charging current	Recommended 100A/Maximum 200A
Discharge current	Maximum 200A
Instantaneous discharge current	250A(1S)
Cycle life	≥8000times (80%DOD @25°C/0. 2C)
Working temperature range	Charge 0~45°C/Discharge -20~60°C
Storage temperature range	-10~45°C
Storage of electric charge	SOC 30%~50%
Self-discharge	≤=2%/Month
Communication	RS232/RS485/CAN
Bluetooth/WIFI function	Optional
Expand	Up to 15 units in parallel
Compatible with inverter	Solis/Deye/luxpower/Voltronic/Hoymile/Growatt/Goodwe/SMA/Victron/Megarevo etc
Waterproof rating	IP 20
Overall dimensions	L850*W390*H254±2mm
Net weight	124Kg
Certification	UN38.3/MSDS
Installation method	Ground installation