





## PM-LV4850-2U-PRO


### ENERGY STORAGE SOLUTIONS


This is a rack type module used in household, community and small commercial energy storage system, safe and good expansion. This module can be connected directly in parallel for simple stack use or built in cabinet to meet the needs of different users.


### Features & Advantages


- 

**Standard Design**  
Standard 19" and 2U Design
- 

**Expandable**  
Capacity up to 36kWh
- 

**High Safety**  
LFP & Smart BMS
- 

**Wide Compatibility**  
Compatible with various inverter brands
- 

**Automotive Grade Battery Cell**
- 

**Cost Effective**

### Technical Parameters

Model	PM-LV4850-2U-PRO
Battery Type	LiFePO4
Battery Capacity	50Ah
Nominal Voltage	48V
Working Voltage	37.5 ~ 54.75V
Norminal Energy	2.4kWh
Net Weight	22Kg
Dimension [L*W*H]	17.32*16.14*3.48in (440*410*88.5mm)
Maximum Charge Current	1C/50A
Maximum Discharge Current	1C/50A
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~60°C
Series/Parallel Number	15S1P
Communication	CAN/RS485
Design Life	20 Years
Cycle Life (25°C@40%DOD)	>8000 Cycles
Cycle Life (25°C@80%DOD)	>4000 Cycles
IP Grade	IP21
Scalability	Up to 15 Units in parallel
Color	Black
Warranty Document Supplied	Yes
Alarms	Overcharge/OverDischarge/Overcurrent/ OverTemperature/ShortCircuit
Monitoring & Protection	Built-in smart BMS
Pros	Can be used in both off-grid and hybrid setups, compact design, stack or cabinet installation.
Optional Functions	LCD screen/Circuit breaker
Compatible Inverters	Victron/SMA/Goodwe/SRNE/Solis/SAJ/Grow att/Luxpower/Voltronic/Deye/etc.
Certification & Safety Standard	CE/UN38.3



Due to our policy of continuous product innovation, some specifications may change without notification.











## PM-LV5150-2U-PRO

### ENERGY STORAGE SOLUTIONS

This is a rack type module used in household, community and small commercial energy storage system, safe and good expansion. This module can be connected directly in parallel for simple stack use or built in cabinet to meet the needs of different users.

### Features & Advantages

- 
**Standard Design**  
 Standard 19" and 2U Design
- 
**Expandable**  
 Capacity up to 38.4kWh
- 
**High Safety**  
 LFP & Smart BMS
- 
**Wide Compatibility**  
 Compatible with various inverter brands
- 
**Automotive Grade Battery Cell**
- 
**Cost Effective**

### Technical Parameters

Model	PM-LV5150-2U-PRO
Battery Type	LiFePO4
Battery Capacity	50Ah
Nominal Voltage	51.2V
Working Voltage	40 ~ 58.4V
Norminal Energy	2.56kWh
Net Weight	23Kg
Dimension [L*W*H]	17.32*16.14*3.48in (440*410*88.5mm)
Maximum Charge Current	1C/50A
Maximum Discharge Current	1C/50A
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~60°C
Series/Parallel Number	16S1P
Communication	CAN/RS485
Design Life	20 Years
Cycle Life (25°C@40%DOD)	>8000 Cycles
Cycle Life (25°C@80%DOD)	>4000 Cycles
IP Grade	IP21
Scalability	Up to 15 Units in parallel
Color	Black
Warranty Document Supplied	Yes
Alarms	Overcharge/OverDischarge/Overcurrent/ OverTemperature/ShortCircuit
Monitoring & Protection	Built-in smart BMS
Pros	Can be used in both off-grid and hybrid setups, compact design, stack or cabinet installation.
Optional Functions	LCD screen/Circuit breaker
Compatible Inverters	Victron/SMA/Goodwe/SRNE/Solis/SAJ/Grow att/Luxpower/Voltronic/Deye/etc.
Certification & Safety Standard	CE/UN38.3



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## PM-LV48100-3U-PRO

### ENERGY STORAGE SOLUTIONS

This lithium battery, featuring compact design, safety LiFePO4 (LFP) cells, reliable BMS and modern battery pack process, widely used for telecommunication applications such as BTS, indoors and outdoors, micro and macro communication stations.

### Features & Advantages



#### Standard Design

Standard 19" and 3U Design



#### Expandable

Capacity Up to 76.8kWh



#### High Safety

LFP & Smart BMS



#### Wide Compatibility

Support Photovoltaic Input



#### Customized

Flexible Customization



#### Super Long

Long Cycle Life

### Technical Parameters

Model	PM-LV48100-3U-PRO
Battery Type	LiFePO4
Battery Capacity	100Ah
Nominal Voltage	48V
Working Voltage	37.5~54.75V
Norminal Energy	4.8kWh
Net Weight	40Kg
Dimension [L*W*H]	17.32*16.53*5.28in (440*420*134mm)
Maximum Charge Current	1C/100A
Maximum Discharge Current	1C/100A
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~60°C
Series/Parallel Number	15S1P
Communication	CAN/RS485
Design Life	20 Years
Cycle Life (25°C@40%DOD)	>8000 Cycles
Cycle Life (25°C@80%DOD)	>4000 Cycles
IP Grade	IP21
Scalability	Up to 16 Units in parallel
Color	Black
Warranty Document Supplied	Yes
Alarms	Overcharge/OverDischarge/Overcurrent/ OverTemperature/ShortCircuit
Monitoring & Protection	Built-in smart BMS
Pros	Can be used in both off-grid and hybrid setups, compact design, stack or cabinet installation.
Optional Functions	LCD screen/Circuit breaker
Compatible Inverters	Victron/SMA/Goodwe/SRNE/Solis/SAJ/Grow att/Luxpower/Voltronic/Deye/etc.
Certification & Safety Standard	CE/UN38.3



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## PM-LV51100-3U-PRO

### ENERGY STORAGE SOLUTIONS

This is a rack type module used in household, community and commercial energy storage system, safe and good expansion. This module can be connected directly in parallel for simple stack use or built in cabinet to meet the needs of different users.

### Features & Advantages



#### Standard Design

Standard 19" and 3U Design



#### Expandable

Capacity up to 81.92kWh



#### High Safety

LFP & Smart BMS



#### Wide Compatibility

Compatible with various inverter brands



#### Automotive Grade Battery Cell



#### Cost Effective

### Technical Parameters

Model	PM-LV51100-3U-PRO
Battery Type	LiFePO4
Battery Capacity	100Ah
Nominal Voltage	51.2V
Working Voltage	40 ~ 58.4V
Norminal Energy	5.12kWh
Net Weight	42Kg
Dimension [L*W*H]	17.32*16.53*5.27in (440*420*134mm)
Maximum Charge Current	1C/100A
Maximum Discharge Current	1C/100A
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~60°C
Series/Parallel Number	16S1P
Communication	CAN/RS485
Design Life	20 Years
Cycle Life (25°C@40%DOD)	>8000 Cycles
Cycle Life (25°C@80%DOD)	>4000 Cycles
IP Grade	IP21
Scalability	Up to 16 Units in parallel
Color	Black
Warranty Document Supplied	Yes
Alarms	Overcharge/OverDischarge/Overcurrent/ OverTemperature/ShortCircuit
Monitoring & Protection	Built-in smart BMS
Pros	Can be used in both off-grid and hybrid setups, compact design, stack or cabinet installation.
Optional Functions	LCD screen/Circuit breaker
Compatible Inverters	Victron/SMA/Goodwe/SRNE/Solis/SAJ/Grow att/Luxpower/Voltronic/Deye/etc.
Certification & Safety Standard	CE/UN38.3



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