



## PT48200

### ENERGY STORAGE SOLUTIONS

Portable and reliable, this lithium battery with wheels and a handle for easy transportation. Perfect for Hybrid / Off-Grid / On-Grid / Solar power storage solutions. It compatible with various inverters.



### Features & Advantages



#### Mobility

Built-in wheels for easy transportation



#### Expandable

Capacity up to 141.28kWh



#### High Safety

LFP & Smart BMS



#### Wide Compatibility

Compatible with Various Inverter Brands



#### Automotive Grade Battery Cell



#### Cost Effective

Factory's Price

### Specifications

Items	Parameters
Model	PT48200
Battery Type	LiFePO4
Battery Capacity	184Ah
Nominal Voltage	48V
Working Voltage	37.5~54.75V
Norminal Energy	8.83kWh
Net Weight	76.5Kg
Dimension [L*W*H]	27.56*8.66*18.03in (700*220*458mm)
Maximum Charge Current	180A
Maximum Discharge Current	180A
Charge Voltage	54.75V
Discharge Cut-off Voltage	37.5V
Charging Temp. Range	0~60°C
Discharging Temp. Range	-20~60°C
Series/Parallel Number	15S1P
Design Life	10 Years
Warranty	10 Years
Cycle Life (25°C@40%DOD)	>8000 Cycles
Cycle Life (25°C@80%DOD)	>4000 Cycles
IP Grade	IP21 (Higher grade optional)
Max. Parallel Connection	Up to 16 Units in parallel
Communication	CAN/RS485
Color	Gray and black
Alarms	Overcharge/OverDischarge/Overcurrent/ OverTemperature/ShortCircuit
Monitoring & Protection	Bulit-in smart BMS
Pros	Support off-grid and hybrid working mode, compact design, wall and floor type.
Optional Functions	LCD screen/Circuit breaker
Compatible Inverters	Victron/SMA/Goodwe/SRNE/Solis/SAJ/ Growatt/Luxpower/Voltronic/Deye etc.
Certification & Safety Standard	CE/IEC 62619/RoHS/UN38.3/MSDS



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





## PT51200

### ENERGY STORAGE SOLUTIONS

Portable and reliable, this lithium battery with wheels and a handle for easy transportation. Perfect for Hybrid / Off-Grid / On-Grid / Solar power storage solutions. It compatible with various inverters.



### Features & Advantages



#### Mobility

Built-in wheels for easy transportation



#### Expandable

Capacity up to 150.72kWh



#### High Safety

LFP & Smart BMS



#### Wide Compatibility

Compatible with Various Inverter Brands



#### Automotive Grade Battery Cell



#### Cost Effective

Factory's Price

### Specifications

Items	Parameters
Model	PT51200
Battery Type	LiFePO4
Battery Capacity	184Ah
Nominal Voltage	51.2V
Working Voltage	40~58.4V
Norminal Energy	9.42kWh
Net Weight	80Kg
Dimension [L*W*H]	27.56*8.66*18.03in (700*220*458mm)
Maximum Charge Current	180A
Maximum Discharge Current	180A
Charge Voltage	58.4V
Discharge Cut-off Voltage	40V
Charging Temp. Range	0~60°C
Discharging Temp. Range	-20~60°C
Series/Parallel Number	16S1P
Design Life	10 Years
Warranty	10 Years
Cycle Life (25°C@40%DOD)	>8000 Cycles
Cycle Life (25°C@80%DOD)	>4000 Cycles
IP Grade	IP21 (Higher grade optional)
Max. Parallel Connection	Up to 16 Units in parallel
Communication	CAN/RS485
Color	Gray and black
Alarms	Overcharge/OverDischarge/Overcurrent/ OverTemperature/ShortCircuit
Monitoring & Protection	Bulit-in smart BMS
Pros	Support off-grid and hybrid working mode, compact design, wall and floor type.
Optional Functions	LCD screen/Circuit breaker
Compatible Inverters	Victron/SMA/Goodwe/SRNE/Solis/SAJ/ Growatt/Luxpower/Voltronic/Deye etc.
Certification & Safety Standard	CE/IEC 62619/RoHS/UN38.3/MSDS



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