



# Standard Battery Pack

Shanghai Huijue Technology Group Co., Ltd.

# Standard Battery Pack - APB 2400



## Product features:

- Compact Size and Light Weight
- Wide Applications
- 6000 cycle life
- 10+ years technical support
- Reliable performance
- 100% DOD with More Usable Capacity
- Easy Installation
- RS485/RS232/CAN Communication Protocol

## Application :



<b>Model</b>	APB 2400
<b>Datasheet</b>	
Nominal Voltage	48 V / 51.2 V
Nominal Capacity	50 Ah
Minimum Capacity	50 Ah
Dimension (W x D x H)	442 x 410 x 100 mm
Weight	22 kg
Discharge Voltage	37.5 V / 40 V
Charge Voltage	54.75 V / 58.4 V
<b>Cell</b>	
Type	LiFePO4 Battery
Cell Model	LF09133202-25( LFP )
Nominal Capacity	25 Ah
Minimum Capacity	25 Ah
Nominal voltage	3.2 V
Internal Impedance	≤1.5mΩ
Dimension	Max. 9.3x133x203mm
Weight	Approx.500g
<b>Batterypack</b>	
Pack Method	15S2P / 16S2P
Energy	2400 Wh
Charge Method	CC/CV
Standard Charge Current	25A
Max. Charge Current	50 A
Standard Discharge Current	25 A
<b>Max. Continues Discharge current</b>	50A
Cycle Life	6000 times
Internal Impedance	≤20mΩ
<b>Communication</b>	
Working Temperature Range	Charge: 0°C--45°C Discharge: -20°C--60°C
Storage Temperature	-10°C--50°C
Certification	CE / UN38.3



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# Standard Battery Pack - APB 3600



## Product features:

- Compact Size and Light Weight
- Wide Applications
- 6000 cycle life
- 10+ years technical support
- Reliable performance
- 100% DOD with More Usable Capacity
- Easy Installation
- RS485/RS232/CAN Communication Protocol

## Application :



Make Energy Cleaner And More Efficient



Model	APB 3600
<b>Datasheet</b>	
Nominal Voltage	48 V / 51.2 V
Nominal Capacity	75 Ah
Minimum Capacity	75 Ah
Dimension (W x D x H)	482 x 410 x 150 mm
Weight	32 kg
Discharge Voltage	37.5 V / 40 V
Charge Voltage	54.75 V / 58.4 V
<b>Cell</b>	
Type	LiFePO4 Battery
Cell Model	LF09133202-25( LFP )
Nominal Capacity	25 Ah
Minimum Capacity	25 Ah
Nominal voltage	3.2 V
Internal Impedance	≤1.5mΩ
Dimension	Max. 9.3x133x203mm
Weight	Approx.500g
<b>Batterypack</b>	
Pack Method	15S3P / 16S3P
Energy	3600 / 3840 Wh
Charge Method	CC/CV
Standard Charge Current	37.5 A
Max. Charge Current	75 A
Standard Discharge Current	37.5 A
<b>Max. Continues Discharge current</b>	100 A
Cycle Life	6000 times
Internal Impedance	≤15mΩ
<b>Communication</b>	RS485/RS232/CAN
Working Temperature Range	Charge: 0°C--45°C Discharge: -20°C--60°C
Storage Temperature	-10°C--50°C
Certification	CE / UN38.3



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# Standard Battery Pack - APB 4800



## Product features:

- Compact Size and Light Weight
- Wide Applications
- 6000 cycle life
- 10+ years technical support
- Reliable performance
- 100% DOD with More Usable Capacity
- Easy Installation
- RS485/RS232/CAN Communication Protocol

## Application:



Model	APB 4800
<b>Datasheet</b>	
Nominal Voltage	48 V / 51.2 V
Nominal Capacity	100 Ah
Minimum Capacity	100 Ah
Dimension (W x D x H)	482 x 420 x 177.5 mm
Weight	50 kg
Discharge Voltage	37.5 V / 40 V
Charge Voltage	54.75 V / 58.4 V
<b>Cell</b>	
Type	LiFePO4 Battery
Cell Model	LF50116160-100
Nominal Capacity	100 Ah
Minimum Capacity	100 Ah
Nominal voltage	3.2 V
Internal Impedance	≤1.5mΩ
Dimension	Max. 49.9x116x160mm
Weight	Approx.1.95kg
<b>Batterypack</b>	
Pack Method	15S1P / 16S1P
Energy	4800 / 5120 Wh
Charge Method	CC/CV
Standard Charge Current	50 A
Max. Charge Current	100 A
Standard Discharge Current	50 A
Max. Continues Discharge current	100 A
Cycle Life	6000 times
Internal Impedance	≤50mΩ
Communication	RS485/RS232/CAN
Working Temperature Range	Charge: 0°C--45°C Discharge: -20°C--60°C
Storage Temperature	-10°C--50°C
Certification	UL / CE / UN38.3



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# Standard Battery Pack - APB 9600



## Product features:

- Compact Size and Light Weight
- Wide Applications
- 6000 cycle life
- 10+ years technical support
- Reliable performance
- 100% DOD with More Usable Capacity
- Easy Installation
- RS485/RS232/CAN Communication Protocol

## Application :



Make Energy Cleaner And More Efficient



Model	APB 9600
<b>Datasheet</b>	
Nominal Voltage	48 V / 51.2 V
Nominal Capacity	202 Ah
Minimum Capacity	198Ah / 200Ah
Dimension (W x D x H)	593 x 482 x 236 mm
Weight	81.2kg / 85.2 kg
Discharge Voltage	37.5 V / 40 V
Charge Voltage	54.75 V / 58.4 V
<b>Cell</b>	
Type	LiFePO4 Battery
Cell Model	LF50160120-200
Nominal Capacity	205 Ah
Minimum Capacity	205 Ah
Nominal voltage	3.2 V
Internal Impedance	≤0.5mΩ
Dimension	Max.53.5x173.6x207mm
Weight	Approx.3.95±0.1kg
<b>Batterypack</b>	
Pack Method	15S1P / 16S1P
Energy	9600 / 10240 Wh
Charge Method	CC/CV
Standard Charge Current	50 A
Max. Charge Current	100 A
Standard Discharge Current	50 A
Max. Continues Discharge current	100 A
Cycle Life	6000 times
Internal Impedance	≤20mΩ
<b>Communication</b>	
Working Temperature Range	Charge: 0°C--45°C Discharge: -20°C--60°C
Storage Temperature	-10°C--50°C
Certification	CE / UN38.3



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# Standard Battery Pack - APB 14400



## Product features:

- Compact Size and Light Weight
- Wide Applications
- 6000 cycle life
- 10+ years technical support
- Reliable performance
- 100% DOD with More Usable Capacity
- Easy Installation
- RS485/RS232/CAN Communication Protocol

## Application :



Make Energy Cleaner And More Efficient



<b>Model</b>	APB 14400
<b>Datasheet</b>	
Nominal Voltage	48 V / 51.2 V
Nominal Capacity	300 Ah
Minimum Capacity	298Ah / 300Ah
Dimension (W x D x H)	593 x 642 x 236 mm
Weight	138.4kg / 148.5kg
Discharge Voltage	37.5 V / 40 V
Charge Voltage	54.75 V / 58.4 V
<b>Cell</b>	
Type	LiFePO4 Battery
Cell Model	LF73173207-300
Nominal Capacity	300 Ah
Minimum Capacity	300 Ah
Nominal voltage	3.2 V
Internal Impedance	≤0.5mΩ
Dimension	Max.73.5x173.6x207mm
Weight	Approx.5.37±0.1kg
<b>Batterypack</b>	
Pack Method	15S1P / 16S1P
Energy	14400 / 15360 Wh
Charge Method	CC/CV
Standard Charge Current	50 A
Max. Charge Current	100 A
Standard Discharge Current	50 A
<b>Max. Continues Discharge current</b>	100 A
Cycle Life	6000 times
Internal Impedance	≤20mΩ
<b>Communication</b>	
Working Temperature Range	Charge: 0°C--45°C Discharge: -20°C--60°C
Storage Temperature	-10°C--50°C
Certification	CE / UN38.3



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