

# LiFePO4 Battery

LITHIUM IRON PHOSPHATE

LFP48120P



MODEL	48120P	
<b>Electrical Specifications</b>	Nominal voltage	51.2V
	Nominal capacity	120AH
	Energy	6144WH
	Cycle life	6000+
<b>Charge Specifications</b>	Charge mode	CC/CV
	Charge voltage	58.4V
	Recommended charge current	20A
	Max continuous charge current	100A
<b>Discharge Specifications</b>	Discharge cut-off voltage	43.2V
	Max continuous discharge current	100A
	Peak discharge current	150A (5s)
<b>Temperature Specifications</b>	Charge high temperature protection	60°C
	Charge low temperature protection	-5°C
	Discharge high temperature protection	65°C
	Discharge low temperature protection	-10°C
<b>Mechanical Specifications</b>	Dimensions (L*W*H)	480*440*200mm
	Weight	Approx 55Kg
	Shell material	Stainless Steel
	Enclosure Protection	IP65
	BMS	16S 100A
<b>Layout of Front Panel</b>	Status Indicators	SOC / ALM / RUN
	Communication Ports	RS485*2, CAN*2
	Communication in Parallel	32 modules in parallel maximum
	Reset Key	Available
	Terminal Size	M8
	LCD Screen	Available
	Breaker	Available
	Dialing address	6 digits
<b>Warning</b>	Do not immerse the battery into water or use in humid environment.	
	Do not expose to temperatures over 60°C.	
	Do not connect the positive and negative terminals of the same battery directly.	
	Do not reverse the positive and negative terminals.	
	Do not disassemble or modify battery.	
	Keep battery out of reach of children.	
	Please use a special charger for lithium iron phosphate batteries	
If you have any questions about LiFePO4 battery, please do not hesitate to contact us.		