SPRO ENERGY

LR SERIES

PARAMETES



- ☆ High-strength metal shell Lifepo4 battery with Large and sufficient capacity
- ☆ Charging equalization function with SOC and SOH estimation function
- ☆ LED with status indication function and real-time display SOC function
- ☆ Low power consumption,and has a variety of sleep and wake-up modes
- ☆ Adjustable overcurrent protection,short circuit protection,buzzer alarm
- ☆ High voltage accuracy(<20mV),high current accuracy(<2%@FS), battery temperature detection (<2℃)
- ☆ With parallel communication, RS485, host computer monitoring and CAN communication
- ☆ With battery pack capacity and cycle count calculation function

Model	LR100AH 51.2VTA	LR230AH 51.2VTA
Cell chemical formula	LiFePO4	
Maximum continuous discharge current	100A	100A/200A
Available capacity	5120Wh	11776Wh
Rated voltage	51.2VDC	
Voltage range	43.2V-58.4VDC	
Maximum output power	Maximum output power	Maximum output power
Maximum charging voltage	5120W	5120W/10240W
Recommended charging voltage	58.4V ± 0.2VDC	
Recommended charging current	57.6V ± 0.2VDC	
Number of cycles (standard charge and discharge at room temperature)	50A	100A/115A
Low power mode	≥6000(times)	
Communication	Work self depletion)≤50mA，(Low power mode)<200uA	
Battery discharge depth (DOD)	(Standard configuration)RS232、RS485、 CAN	
Modules connect	≥95%	
Protection	1-15	
Display screen	Over charge, Over Current, Over Voltage, Over Discharge, Short Circuit, High Temperature	
Operating temperature range	LED Light strip display + LCD display	
Storage temperature	(Discharge)：-10 - + 50℃ ；(Charge)： +0℃ - + 60℃	
N.W/ KG	50kg	100kg
L x W x H(mm)	450*440*132mm	/