

LEAD ACID REPLACEMENT SERIES

Model number	LFP4805	LFP4810
<b>battery type</b>	LiFePO4	
battery capacity (KWH)	5.12KWH	10.24KWH
Rated capacity(AH)	100AH	200AH
Rated voltage(V)	51.2V	
Operating voltage range(V)	43.2V-57.6V	
Shipping voltage requirement(V)	50V-53V	
Standard charge mode	Constant current charging(CC)	
Standard charge current(A)	30A	
Max. continuous charge current(A)	100A	
Charge cut off voltage(V)	57.6V	
Standard discharge mode	Constant current charging(CC)	30A
Standard discharge current (A)	100A	
Discharge cut off voltage(V)	43.2V	
Scalability	Max. 6 parallel	
DOD	80%	
Designed cycle life	>5000(25°C /77F)	
Compatible inverter	SNE5K-D1/SNE6K-D1/SNE8K-D1/SNE8K-DA, and mainstream inverters in the market	

Protection	
Protection	Over-temperature, overcharge, low voltage, overload, short circuit protection

Display and Communication	
Display	LED
Communication	CAN/RS485/RS232

General data		
Dimension W *D *H (MM)	580*415*150MM	680*485*200MM
Weight(KG)	55KG	92KG
Installation	Wall-mounted	
Charge temperature	0~+50°C	
Discharge temperature	-20~+60°C	
Short-term storage temperature	-20~+45°C(≤1Month,20~60% SOC)	
Longterm storage temperature	-20~+35°C(≤6Month,30~60% SOC)	
Altitude	4000米(>2000Derating)	
Protection class	IP21, Indoor	
Humidity	5%-75%	
Cooling	Natural	
Noise emission	<29DB	
Certification	CE,IEC62619,UN38.3	



### 51.2v Wall-mounted Energy Storage System



### 12V/24V Lithium Battery Box

Model number	GS12V100Ah	GS24V100Ah	GS48V100Ah
<b>Technical data</b>			
Battery type	LFP		
Rated capacity (Kwh)	1.28	2.56	4.8
Battery rated capacity (Ah)	100		
Rated voltage (VDC)	12.8	25.6	48
Operating voltage range (VDC)	10-14.4	20-28.8	37.5-54
Standard charge current(A)	50A(@25°C)		
Max.continuous charge current (A)	100A(@25°C)		
Max.continuous discharge current (A)	100A(@25°C)		
Max.pulse discharge current (A)	200A(@25°C ,10S)		
DOD	90%		
Cycle	>5000 (@80%DOD,0.5C,@25°C, 70%SOC)		

Protection	
Protection mechanism	High temperature, overcharge, over-discharge, low voltage, overcurrent, short circuit

General data			
Dimension W*D*H(mm)	260*168*208	270*240*180	600*240*180
Weight (Kg)	10±1	22±1	36±1
Product color	White		
Charge temperature	0°C-55°C		
Discharge temperature	-20°C-55°C		
Storage temperature	-10°C-35°C		
Protection class	IP65		
Humidity	5%-90%		
Cooling	Natural		
Certification	UN38.3, ROHS		