



HUNAN SANYI ENERGY TECHNOLOGY LIMITED

STACK MOUNTED LIFEPO4 PACK



Main Features

Famous brand cells such as REPT/Chunlan , grade A+ quality

Cells cycle times 4000 cycles, 5 years warranty, 10+ years life design

High density, small size and weight

Power wall design, space saving design

Big charge and discharge current up to 100Ah, suitable for solar storage system

LCD display with communication port(CAN/RS485/RS232)

Smart BMS can communicate with Different Brand of Hybrid Solar Inverter like:

Deye, Growatt, Voltronic, Goodwe, etc

Specification	Model	SYS48-100	SYS48-200	SYS48-300	SYS48-400
Battery Type		LiFePO4			
Battery Model		51.2V100AH			
No. of Module		1	2	3	4
Capacity(25°C, 1C)		5.12KWH	10.24KWH	15.36KWH	20.48KWH
Voltage Window (Vdc)		44.8 ~ 57.6V			
Folat Charge Voltage(Vdc)		55.2V			
Max.continue discharge current		100A	200A	300A	400A
Max.continue charge current		50A	100A	150A	200A
Cycle life(+25°C 1C 80% DoD)		>4000 Cycles			
Terminal		M6			
Storage temperature		0°C ~ 30°C			
Storage duration		6 months at 25°C			
Safety standard		UN38.3, IEC62619, CE			
IP degree		Ip20			
Display		LCD display (Optional)			
Communication		CAN/RS485/RS232 (Optional)			
PROTECTION					
Protection		Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection			
MBIENT					
Noise(dB)		< 40dB (1 meter)			
Working Temperature		-10°C ~ +60°C			
Humidity		0~95% (no condensation)			
Sea Level(m)		≤1500			
DIMENSION					
L×W×H mm		635*500*155	635*500*310	635*500*465	635*500*620
Weight(NW Kg)		32kg	42kg	75kg	85kg