

Model		LV5000W-PREPL-LE
Battery		
Chemistry	Lithium Iron Phosphate(LiFePO4)	
Cycle life	≥6000 (@25°C, 0.5C/0.5C)	
Single module spec	51.2V 48Ah/2.457kWh	
Number of modules	4 layers	
Nominal voltage	204.8V	
Voltage range	179.2V~233.6V	
Nominal capacity	48Ah	
Nominal energy	9.828kWh	
Input(PV)		
Max DC power	7500W	
Max DC voltage	1000Vd.c.	
MPPT voltage range	200...850Vd.c.	
Max input current/per string	13Ax2	
Number of MPP trackers	2	
Output (AC)		
AC nominal power	5000VA	
Max AC apparent power	5500VA	
Max output current	10A	
Nominal AC output	50/60Hz; 400/350	
Harmonics factor	<3%	
Grid type	3W/N/PE	
Three-phase unbalance output	0~100%	
AC Output (Back-up)		
Max AC apparent power	5000VA	
Norminal Output Voltage	400/380V	
Norminal Output Frequency	50/60HZ	
Output THDV (@Linear Load)	<3%	
Efficiency		
Maximum conversion efficiency	98.0%	
European efficiency	97.3%	
Max battery to AC Efficiency	97.2%	
MPPT efficiency	99.9%	
General Parameters		
Battery dimension (W*D*H)	650*250*1300mm	
Battery weight	193kg	
Degree of protection	IP65	
Environment	Indoor/outdoor under roof(avoid direct sunlight)	
Communication interfaces	RS485 / CAN	
Operatingtemperature	-20~40°C	
Relative humidity	5%~95%	
Cooling	Natural cooling	
Certificates		
UN38.3,IEC62619,IEC61000		

*The actual product may have slight differences from some promotional videos or pictures. Please refer to the actual product. Unless otherwise specified the data on this page are all from our company's laboratory. The data may have errors due to changes in the objective environment.

*The specifications are subject to change without prior notice.