

SL PLUS SERIES

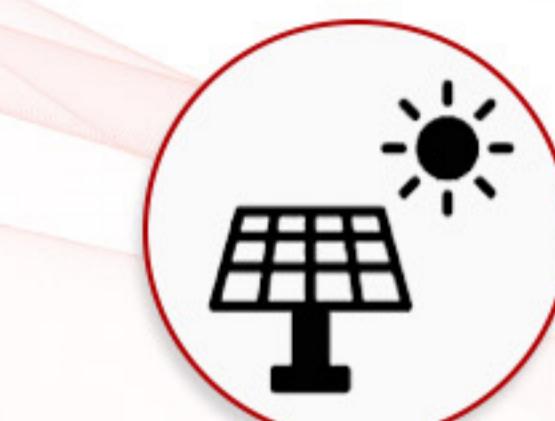


SunLife
SOLAR (PVT.) LTD.

SL PLUS 4KW/6KW

Dual outputs for smart load management

SL PLUS SERIES is occupied with two outputs. The second output can be scheduled on/off, setting cut-off voltage or SOC and discharging time via LCD setting. It facilitates users smart load control. Designed with 27A PV input current, SL PLUS SERIES is compatible with the market trend of increased Imp in solar panels. It also allows a wide V input voltage range from 60VDC to 450VDC. These features allow fewer solar panels required in the system and save space.



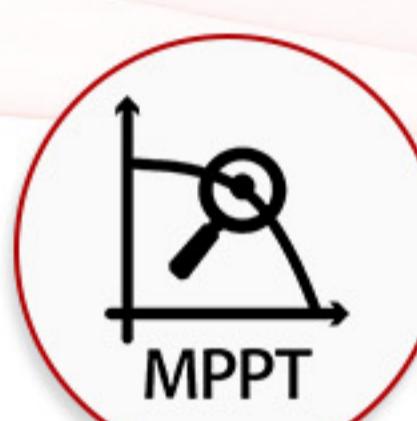
MAX PV POWER
7000W



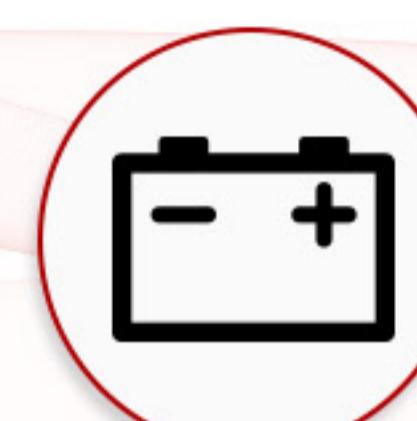
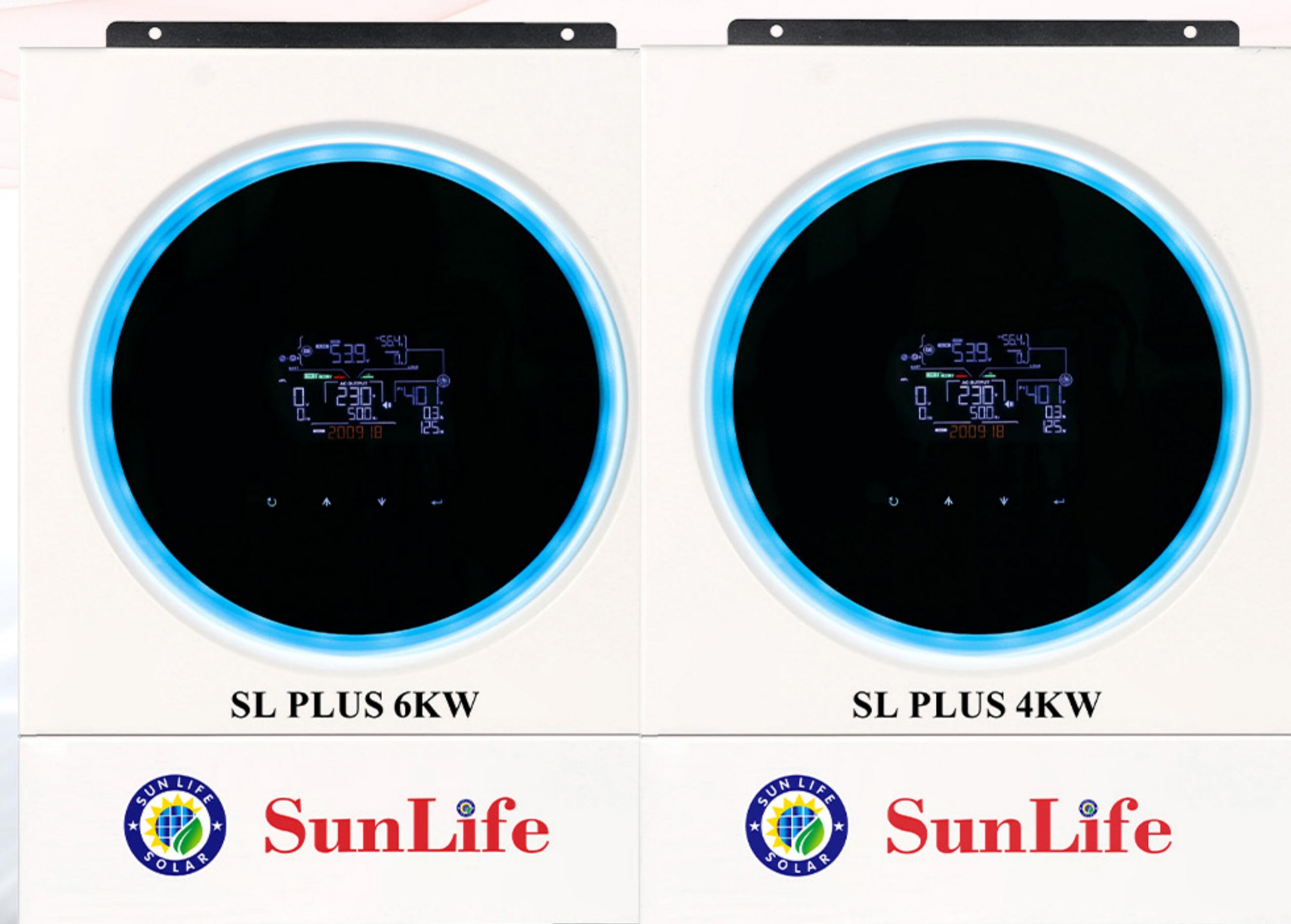
MONITORING APP
AVAILABLE



DUAL
OUTPUT



MPPT VOLTAGE RANGE
60~450VDC



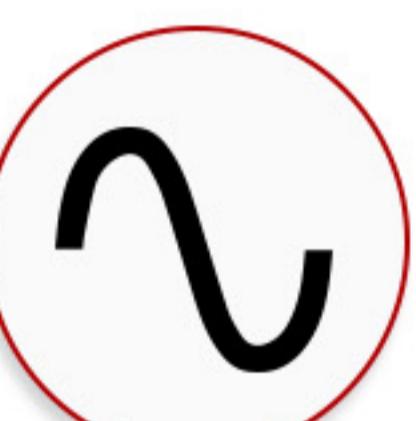
48VDC, 129.6A BATTERY
DC INPUT



HYBIRD
INVERTER



STATUS INDICATION
RGB LED LIGHTS



PURE SINE
WAVE

MODEL	SL PLUS 4KW	SL PLUS 6KW
RATED POWER	4000VA/4000W	6000VA/6000W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC 10%	
Surge Power	8000VA	12000VA
Efficiency(Peak)	90%-93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger type	MPPT	
Maximum PV Array Power	5000W	6000W
MPP Range Operating Voltage	60-450 VDC	60-450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Input Current	27A	
Maximum Solar Charge Current	120A	
Maximum AC Charge Current	100A	
Maximum Charge Current	120A	
PHYSICAL		
Dimension, D x W x H (mm)	119 x 313.6 x 457.5	
Net Weight (kgs)	10	12
Net Weight(kgs)		
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)V	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	