

Solatek SL 4KW-24V



- Pure Sine Wave Inverter: 4000W
- Output Power Factor: 1
- AC Input/Output: 220-240VAC
- Battery Voltage: 24VDC
- Selectable Charging Range
- Max AC Charging: 100A
- Max Solar Charging: 100A
- Solar Charger: 5000W MPPT
- PV Range: 40VDC~450VDC max 500VOC
- Solar and utility grid can power loads at the same time
- BMS communication: CAN/RS485
- ability to work without battery
- WIFI/ GPRS remote monitoring (optional)

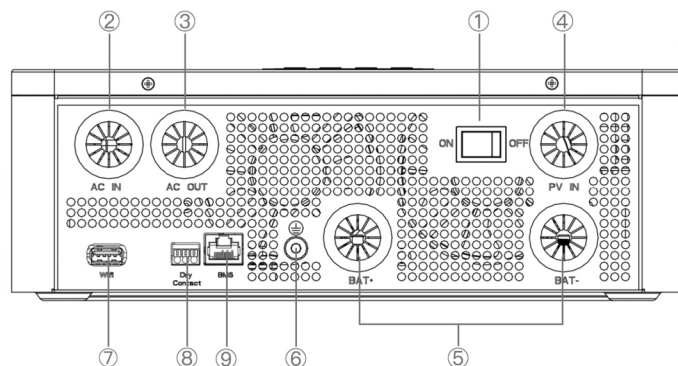
Solatek SL 4KW-24V Specifications

Model		Solatek SL 4KW-24V
AC INPUT		
Rated Input Voltage (VAC)	208/220/230/240;L+N+PE	
Voltage Range (VAC)	90~280±3(normal mode);170~280±3 (UPS mode)	
Frequency (Hz)	50/60 (Auto Adaptive)	
AC OUTPUT		
Rated Capacity (w)	4000	
Peak Power (VA)	5700	
Voltage (VAC)	208/220/230/240	
Power Factor (PF)	1	
Frequency	50/60Hz±0.1%	
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)	
Wave Form	Pure Sine Wave	
Overload Capacity (Battery Mode)	60s@102%~110% load;10s@110%~130% load; 3s@130%~150%load; 0.2s@>150% load	
Max. Efficiency (Battery Mode)	92.7% at 24VDC	
Parallel Quantity	NA	
CHARGER (PV / AC)		
Solar Charger Type	MPPT	
Max PV Input Current / input Power	18A/5000W	
MPPT Range at Operating Voltage (VDC)	40~450	
Max PV Open Circuit Voltage (VDC)	500	
Max PV Charge Current (A)	100	
Max AC Charge Current (A)	100	
Max. Charge Current (PV + AC)(A)	100	
BATTERY		
Rated Voltage (VDC)	24	
Floating Charge Voltage (VDC)	27	
Overcharge Protection (VDC)	30.5	
Battery Type	Lithium and Lead -acid	
INTERFACE		
HMI	LCD	
Interface	RS485 /RS232 / USB / Dry Contact	
Monitoring	WiFi (Optional)	
GENERAL DATA		
Ingress Protection	IP20	
Operating Temperature	-10°C~50°C	
Relative Humidity	5%~95% (Non-condensing)	
Storage Temperature	-15°C~60°C	
Net Weight (kg)	8	
Dimensions (W*H*D)	490*306*115mm(without bracket)	
Max.Operating Altitude	4000m (Derating above 1000m)	

Product Overview



- a. AC Indicator
- b. Invert Indicator
- c. Charging Indicator
- d. Fault Indicator
- e. LCD Display
- f. ESC Button
- g. Up Button
- h. Down Button
- i. Enter Button



- 1. Power On/Off Switch
- 2. AC Input
- 3. AC Output
- 4. PV Input
- 5. Battery Input
- 6. Grounding
- 7. WiFi/GPRS Communication Port
- 8. Dry Contact
- 9. BMS Communication Port (Support CAN/RS485 Protocol)

