

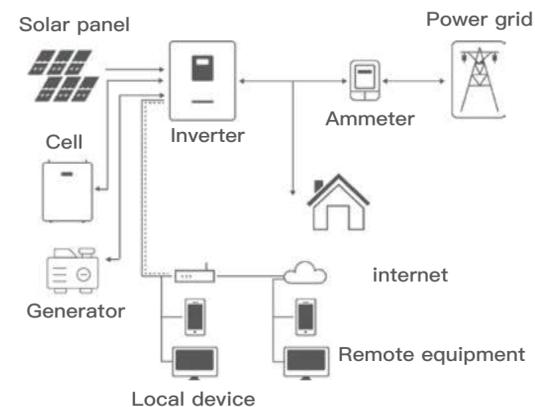
SCMK 3K-24V Series

Wall-mounted off-Grid Solar Inverter



Product Features

- Off-grid inverter, support two road input mains and photovoltaic solar energy
- DPS digital control technology, the double conversion on-line design, USES the input. PFC technology, the input power of 0.99, and high efficiency inverter topology, the output is more efficient.
- Smart charger design, optimization of battery performance
- Mains/pv/battery/multimode optimal output
- Based on PWM/MPPT solar charger design
- Built-in dust-proof net suite, suitable for bad environment
- Support the battery cold start
- Biggest support 6 parallel machines



SPECIFICATION

MODEL	SCMK 3K-24V	
Rated power	3000VA	
Ac input		
Voltage	120VAC	
Voltage range	95-150Vac(applicable to personal computer) 65-150Vac (applicable to household appliances)	
Frequency range	50 Hz/60 Hz (to be automatic detection)	
PV input		
	PWM	MPPT
Rated power	1250W	2000W
Maximum efficiency	98.5%	98%
Maximum open circuit voltage of photovoltaic array	80VDC	145VDC
Working voltage range	30-40VDC	N/A
The largest pv array voltage range	N/A	30-80VDC
Maximum charging current	110A	140A
Output Parameters		
PV/battery model		
Voltage	110/120VAC±5%	
Frequency	50/60HZ	
Efficiency	90%	
Maximum output power	2400W	
Conversion time	10ms (UPS) , 20ms (Household appliance)	
Power surge	Two times the rated capacity up to 5 seconds	
Overload capacity	5s@≥150%load;10s@110%-150%load	
The utility model		
Voltage	110/120Vac±5%	
Frequency	50Hz	
Efficiency	95%(A full battery impedance load)	
Battery		
The battery voltage	24V	
Charging way	A three-stage charging	
Charging current	2A/10A/20/30A/40/50/60A adjustable	
cold start voltage	23V	
Weaver function	Biggest support 6 weaver	
The battery type	23V	
Protection function	Output short circuit overload over temperature protection, and other functions	
Communication port	RS232,USB	
The work environment		
Working temperature	-10c-50°C	
Storage temperature	-15°C-60 °C	
Relative humidity	5%-95%	
Physical		
Size (D/W/H)	120x295x468mm	
Net weight (KG)	11	