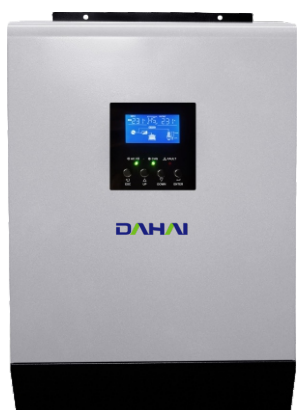


# Household photovoltaic inverter

## SCMK 3K-24V



Wall-mounted grey

### 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

### Technical Specification

Model	DHSCMK 3K-24VZX	
Rated power	3000VA	
<b>Ac input</b>		
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 )	
<b>Pv input</b>		
	<b>PWM</b>	<b>MPPT</b>
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
<b>Output parameters</b>		
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	
<b>The utility model</b>		
voltage	110/120Vac±5%	
frequency	50HZ	
efficiency	95%(A full battery impedance load )	
<b>battery</b>		
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	Lead-acid, AGM, lithium electricity	
Protection function	Output short circuit overload over temperature protection, and other functions	
Communication port	RS232,USB,Dry contact	
<b>The work environment</b>		
Working temperature	-10°C-50°C	
Storage temperature	-15°C-60°C	
Relative humidity	5%-95%	
<b>physical</b>		
Size (D/W/H)	120x295x468mm	
Net weight (KG)	11	