

<b>MODEL</b>	<b>BKS-PV4000-24L</b>
PHASE	1-phase in /1-phase out
RATED POWER	3000VA/3000W
PARALLEL CAPABILITY	No
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto adaptive)
Current	40A
<b>OUTPUT</b>	
AC Voltage Regulation	230VAC $\pm$ 5%
Surge Power	6000VA
No.of output	2
The second output turns on/off condi	Time setting and battery voltage setting
Efficiency (Peak)	93%@24V
Transfer Time	10 ms
Overload Capacity (Battery Mode)	60s@102%-110% load 10s@110%-130% load 3s@130%-150% load 0.2s@150% load
<b>BATTERY</b>	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	31 VDC
Battery Type	Lithium and Lead-acid
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
No.of MPPT Trackers.	1
Maximum PV Array Power	4000W x 1
MPPT Range Operating Voltage	120-450 VDC
Maximum PV Array Open Circuit Volt	500 VDC
Maximum PV Input Current	12A
Maxmum Solar Charge Current	120A
Maximum AC Charge Current	120A
Maximum Charge Current	120A
<b>PHYSICAL</b>	
Dimensions (L*W*H)	510*306*115mm
Net Weight	8.7 KG
Gross Weight	11.0 KG
Communication Interface	RS485/RS232/USB/Dry Contact
Monitoring	WiFi (Optional)
External Current Sensor Port	No
<b>OPERATING ENVIRONMENT</b>	
Ingress Protection	IP20
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
Max. Operating Altitude	4000m (Derating above 1000m)
<b>STANDARD</b>	

Compliance Safety

IEC 61000-6-2, IEC 61000-6-4, IEC 62109-1, IEC 62109-1, IEC  
61683