

MODEL	BKS-PV6000-48PL
PHASE	1-phase in /1-phase out
RATED POWER	5000VA/5000W
PARALLEL CAPABILITY	Yes
INPUT	
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
OUTPUT	
AC Voltage Regulation	230VAC ± 5%
Surge Power	10000VA
No.of output	2
The second output turns on/off condi	Time setting and battery voltage setting
Efficiency (Peak)	93%@48V
Transfer Time	10 ms
Overload Capacity (Battery Mode)	60s@102%-110% load 10s@110%-130% load 3s@130%-150% load 0.2s@150% load
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	61 VDC
Battery Type	Lithium and Lead-acid
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
No.of MPPT Trackers.	1
Maximum PV Array Power	6000W x 1
MPPT Range Operating Voltage	120-450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	18A
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charge Current	80A
PHYSICAL	
Dimensions (L*W*H)	510*306*115mm
Net Weight	9.5 KG
Gross Weight	11.8 KG
Communication Interface	RS485/RS232/USB/Dry Contact
Monitoring	WiFi (Optional)
External Current Sensor Port	No
OPERATING ENVIRONMENT	
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)
STANDARD	

Compliance Safety

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