

# PSC Series

PSC LCD digital display high frequency



## SPECIFICATIONS:



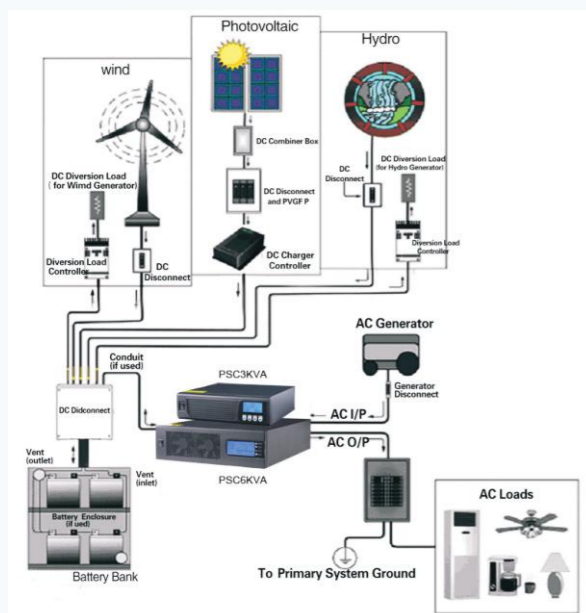
MODEL	PSC3KVA-24	PSC6KVA-48	PSC6KVA-96
Input Voltage Range	180V-270Vac(NOR)/100-270Vac(GEN/WID)		
Rated Output Power	30000VA/2400W	6000VA/4200W(4800W)	6000VA/4200W(4800W)
Surge Rating	4800W	8400W	8400W
Power Factor	0.8	0.7/0.8	0.7/0.8
Capable of starting electric motor	1.5HP	2.5HP	2.5HP
Nominal Input Voltage	220/230/240Vac		
Nominal Input Frequency	50Hz/60Hz(Auto detectio)		
Output Voltage	220/230/240Vac ±10% rms		
Output Frequency	50Hz / 60Hz ± 1Hz		
Nominal Efficiency	>90% (@Normal DC Input; >60% R load)		
Over-Load Protection	fault after 5s@ ≥150% load, ≤200% load fault after 10s@ 110%~150% load		
Nominal Charge Current	10A @Vi/p<170Vac 20A @Vi/p=230Vac 10A @Vi/p>280Vac	20A(95-175v)gen/wide only 35A(175-275v)@35A setting 20A(175v-275v)@20A setting	10A(95-175v)gen/wide only 20A(175-275v)@20A setting 10A(175v-275v)@10A setting
Output waveform	Pure Sine Wave		
Nominal Input Voltage	24vdc	48vdc	96vdc
Charge Voltage	27vdc	54vdc	108vdc
Over Charge Protection	Bat. V ≥30Vdc, Fault, Buzzer alarm	Bat. V ≥60Vdc, Fault, Buzzer alarm	Bat. V ≥120Vdc, Fault, Buzzer alarm
Output Short Circuit Protection	30A Circuit Breaker	40A Circuit Breaker	
Protection	Overload, Short circuits, Over/under input voltage, Over temperature		
Relative humididty	5% to 95% non-condensing		
Operating Temperature Range	0°C to 45 °C		
Storage temperature	-15°C~60°C		
Altitude operational	Elevation:0~1500M		
Dimensions (LxWxH)	330x269x77mm	430 x 350 x 105 mm	
Net Weight(kgs)	4.9	8.5	8.5

### Application:

PSC LCD digital display high frequency pure sine wave Inverter 3KVA-6KVA, with charger function, most suitable for home and office appliances, solar systems, mobile PowerStation.

### Key Features:

- ※ LCD digital display will show voltage, frequency, battery and load information.
- ※ Built in AC charger will charge batteries automatically.
- ※ Two times of rating Power.
- ※ Pure sine wave output, available for sensitive load.
- ※ High-frequency switching technology for compact size and light weight.
- ※ High efficient DC-to-AC conversion minimizing energy loss.
- ※ High power density design.
- Intelligent cooling fan speed control determined by loads.
- ※ Advanced MCU microprocessor control technology, ensure long life reliability.
- ※ Multiple protection: Input low voltage/ Overload/Short circuit/Low battery alarm/ Input over voltage/over temperature.



\* Product specifications are subject to change without further notice.