

# POWER CENTER

## PC 6000



Designed to be the central appliance in your off-grid power system, the Powercenter 6000 by NOMAD provides inverter, battery charger, UPS and power clean-up functionality to your power system. Auto Voltage Regulation allows the Powercenter to run from extremely bad quality power sources, charge attached batteries and output clean standard power to its connected load. Intelligent multistage battery charging reduces generator run-time and prolongs the life of your batteries. The Powercenter has the ability to make the generator in your power system completely automatically controlled. The Powercenter will send a start signal to your attached generator when your batteries become low. The battery level that this is triggered at is able to be adjusted on the unit in the range 20 - 90%. When the generator control is activated, your generator will run until the battery level reaches 100% at which the stop signal will be sent to the generator. The Powercenter is the only choice when you need a true sinewave, powerful and reliable power solution for your home, business or vehicle.



### PC6000

Rated Power	6000w
Surge rating 2 seconds:	7800w
Surge rating: 30 seconds:	7200w
Battery Voltage	48V DC
Output	Voltage 230V
	Frequency 50Hz
Input	Voltage 140 - 275V
	Frequency 45 - 65 Hz
Efficiency	85-95%
Total Harmonic Distortion	0.30%
Battery Charger	Intelligent three stage charger
Battery Charger	20A (48V)

UPS Type:	Line interactive
UPS Transfer time	4ms
Protection Functions	Output short-circuit , Battery high-voltage, Battery low-voltage, Battery reverse polarity
Alarm	Output Short Circuit, Low voltage, overload, 4 beeps on loss of input AC Power.
Environmental Temperature	0C- 40C
Display	Backlit LCD Displaying: AC Input Voltage and frequency, Output Voltage, Battery capacity meter, AC Loading meter, Overload indicator
Physical Size	465 x 245 x 465mm
Weight	55kg