

# NIXON PLUS 1.5KW NIXON PLUS 3KVA

**XEON PLUS**  
VERSION 1.0



## DESCRIPTION

- First time in Pakistan with 2000W/3000W MPPT
- Built-in 80A MPPT Solar Charger
- Pure Sine wave Inverter
- Compatible with Wifi
- High PV Input Voltage Range (30~500) VDC
- Built-in Anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Compatible with Lithium Battery, Super Capacitor, Lead Acid and tubular battery
- First time 1.5kw & 3kva inverter with grid feeding option

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## SPECIFICATIONS

MODEL	XEON PLUS 1.5 KW	XEON PLUS 3KVA
RATED POWER	1500W	3000W
INPUT (AC)		
VOLTAGE		230VAC
SELECABLE VOLTAGE RANGE		170-280 VAC (FOR PERSONAL COMPUTERS) 90-280 VAC (FOR HOME APPLIANCES)
FREQUENCY RANGE		50HZ/60HZ (AUTO SENSING)
OUTPUT (AC)		
AC VOLTAGE REGULATOR (BATT.MODE)		230VAC+5%
SURGE POWER	3000VA	6000VA
EFFICIENCY (PEAK)		97%~94%
TRANSFER TIME		10 MS (FOR PERSONAL COMPUTER) 20 MS (FOR HOME APPLIANCES))
WAVEFORM		PURE SINE WAVE
BATTERY		
BATTERY VOLTAGE	12.0VDC	24VDC
FLOATING CHARGE VOLTAGE	13.5VDC	27VDC
OVERCHARGE PROTECTION	16VDC	33VDC
SOLAR CHARGER & AC CHARGER		
MAXIMUM PV ARRAY POWER	2000W	3000W
MAXIMUM PV ARRAY OPEN CIRCUIT VOLTAGE (VOC)		450VDC
MAXIMUM OPERATION RANGE		30-450V
MAXIMUM SOLAR CHARGE CURRENT		100A
PHYSICAL ENVIROMENT		
DIMENSION D X W X H (MM)	290 X 232 X 93MM	330 X 290 X 110MM
NET WEIGHT (KGS)	4.5KG	8.3KG
OPERATION ENVIROMENT		
HUMIDITY	0 TO 90% RELATIVE HUMIDATY (NON-CONDENSING)	-10°C TO 50°C
OPERATING TEMPERATURE	0°C TO 50°C	-15°C TO 60°C