

SOLAR INVERTERS

The Solar Ready UPS

NXG range is a hybrid UPS range that intelligently uses grid and solar power. With ability to operate in a wide voltage range, NXG is the ideal starter solar solution for homes.

**GET SAVING AND
BACKUP TOGETHER**



**SOLAR
NXG**

Rating: 1500VA | 24V
(1850e)

SOLAR : ON/OFF
A:XXX.X

LCD
DISPLAY



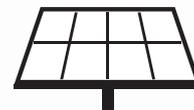
TOUCH CONTROL
BUTTONS

SOLAR ONLY
SOLAR+GRID
GRID+SOLAR

THREE OPERATING
MODES



PURE SINE
WAVE OUTPUT



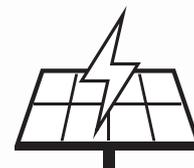
SUPPORTS UPTO 1100W &
1500W SOLAR PANELS



IN-BUILT 50A SOLAR
CHARGE CONTROLLER



ISOT
TECHNOLOGY



WIDE OPERATING PANEL
VOLTAGE RANGE
(VOC): 36V-60V

Technical Specifications

Product	Solar NXG 1850e - 1500VA
INPUT	
Battery voltage	24 V
Solar panel	1500Wp, 36-60Voc
MAINS MODE	
Mains high cut	290V \pm 10V
Mains high cut recovery	280V \pm 10V
Mains low cut	\pm 5V
Mains low cut recovery	105V \pm 5V
BATTERY VOLTAGE DURING CHARGING	
Battery Boost Voltage	29.2V \pm 0.4V
Battery Float Voltage	27.2V \pm 0.4V
MAINS CHARGING CURRENT (SOLAR MODE)	
Charging Current	0A*
MAX MAINS CHARGING CURRENT (SOLAR + GRID MODE)	
Charging Current	15A
MAX MAINS CHARGING CURRENT (GRID + Solar MODE)	
Charging Current	20A
EFFICIENCY	
Inverter efficiency	~80%
Solar section	~95%
OUTPUT	
No Load Output	230V \pm 10V
Output Frequency	50Hz \pm 0.5Hz
Output Wave Form	SINE WAVE

Technical Specifications

Overload	>102%
Protections	Short Circuit, Overload, High Temperature, Low Battery
BUZZER SOUND	
System ON	2 Beeps
Pre-alarm ON	1 Beep At Every 30 Second Interval
Battery Low	10 Second Steady Beep
Overload	10 Second Steady Beep
Short Circuit	10 Second Steady Beep
DC OverVolt	Beeps Every Second
Output Feedback Open / Reverse	10 Second Steady Beep
Mains to UPS Changeover	2 Beeps
USER SELECTABLE FROM FRONT SWITCH	
Battery Type	TUB / SMF / FLAT
Mode Selections	Solar / Solar + Grid / Grid + Solar
No Load Shutdown	Enable / Disable
PHYSICAL	
Net weight (Kg.)	17.1 Approx
Gross weight (Kg.)	18.5 Approx
Dimensions (LxWxH) (mm)	275x320x150mm
ENVIRONMENTAL	
Operating temperature	0-45° C (32-104°F)
Humidity	0-95% RH non-condensing

Due to continuous product improvement, the specifications are subject to change without notice.