

Hybrid Off Grid Inverter



- Zero transfer time to protect mission critical loads
- Detachable LCD control module with multiple communications
- Built-in Bluetooth for mobile monitoring
- Supports USB On-the-Go function
- Reserved communication port for BMS
- Configurable AC/PV output usage timer and prioritiation
- Parallel operation up to 9 units

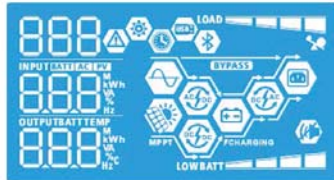


LCD Display Panel

Detachable control module and user-friendly LCD display with various communications.

The detachable LCD control module, available for 5kVA model can be turned to remote panel. Users can install the LCD panel in accessible area away from the inverter up to 20m.

Through the LCD the inverter performance can be optimized. Users can easily set up or change the charging current, output source and charger source prioritization.



Supports USB On-the-Go function

Data can be easily uploaded-downloaded



Integrated Bluetooth interface

Bluetooth interface is integrated ready for mobile monitoring with Android App. This technology allows wireless communication up to 6-7m in an open space. WatchPower App is available in Google store.



Reserved Communication port for BMS

NRG MultiSol+ inverter has a reserved communication port for BMS.





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MODEL	NRG MULTISOL PLUS 5000
Rated Power	5000VA/5000W
INPUT	
Voltage	230VAC
Selectable Voltage Range	110-280VAC
Frequency Range	50-60Hz (auto sensing)
OUTPUT	
AC Voltage Regulation (Batt.mode)	230VAC +/-5%
Surge Protection	10000VA (for 5sec)
Efficiency (Peak)	93% at line mode, 90% at battery mode
Transfer time	0ms
Waveform	Pure Sinewave
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge protection	66VDC
SOLAR CHARGER & AC CHARGER	
Solar charger type	MPPT
Maximum PV Array Open Circuit voltage	145VDC
Maximum PV Array power	4000W
MPP Range @ Operating Voltage	60-115VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	60A
Maximum Charge Current	140A
PHYSICAL	
Dimension (DxWxH)mm	140x303x525
Net Weight (kgs)	13,5
Communication Interface	USB / RS232 / RS485 / Bluetooth / Dry Contact
ENVIRONMENT	
Humidity	5-95% Relative Humidity (non condensing)
Operating Temperature	0C to 55C
Storage Temperature	-15C to 60C