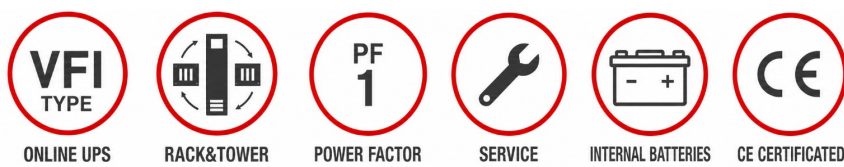


BNO6000RT & BNO10000RT SERIES

1-1 PHASE / 6-10 KVA RACK UNINTERRUPTIBLE POWER SUPPLY



GENERAL FEATURES

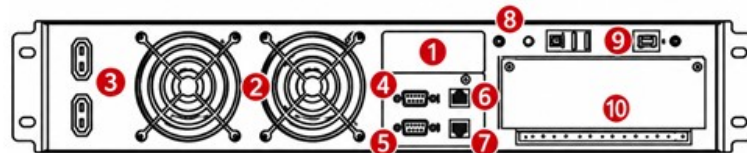
- Tree-Level Technology – High Efficiency
- DSP (Digital Signal Processors) Technology
- Input Power Factor Correction (PFC)
- Wide Input Voltage Range (110~300V)
- Output Power Factor 1
- Cold Start Auto Sensing Frequency
- ECO Mode Operation for Energy Saving
- Selectable Output Voltage via LCD Output
- 50Hz/60Hz Frequency Converter Mode available
- Battery Low Voltage via LCD Power-On Self-Test
- Advanced Battery Management (ABM)
- Short Circuit and Overload Protection
- Automatic Charging in Off Mode
- Auto Control Fan Speed when Loads Varies
- Generator Compatible
- Standard RS232 Communication Port and RJ45 Protection
- USB/SNMP Communication Port (*Optional*)
- Emergency Power Off (EPO) (*Optional*)
- Extension Battery Bank (*Optional*)
- Manual Bypass N+X Redundancy Parallel (*Optional*)
- EMC, LVD and CE Certificated product

TECHNICAL FEATURES

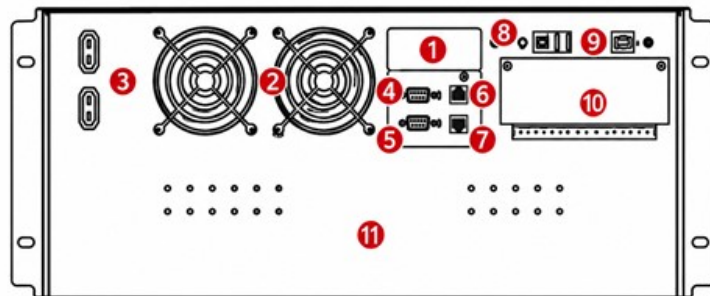
MODEL	BNO6000RT		BNO10000RT	
CAPACITY / POWER	6000 VA / 6000 W		10000 VA / 10000 W	
INPUT				
Related Voltage	208 / 220 / 230 / 240 Vac.			
Voltage Range	110 ~ 176 VAC (%50 & %100 Decrease);176 ~ 280 VAC (N _i Decrease);280 ~ 300 VAC (%50 Decrease)			
Frequency	40 ~ 70 Hz (Auto Sensing)			
Input Power Factor	≥ 0,99			
Bypass Voltage Range	-%40 ~ +%15 (Setting Available via LCD)			
OUTPUT				
Related Voltage	208(PF=0, / 220 / 230 / 240 (Setting Available via LCD)			
Voltage Regulation	± % 1			
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (Synchronized); 50 / 60 Hz ±0.1 Hz (Battery Mode)			
Wave Form / Output Power Factor	Pure Sin wave / cos@1			
Crest Factor	3:1			
Harmonic Distortion	Lineer Load ≤ %1 ; Non Lineer Load ≤ %4			
Transfer Time	Mains > Batt. ; 0 ms / Inverter > Bypass: 0 ms			
Overload Capacity	%105 - %110 Load 10 Min.-%110-125 Load 1 Min. / %126-%150 Load 30 sec.			
EFFICIENCY				
Mains Mode	≥ %94,5			
Battery Mode	≥ %100			
ECO Mode	≥ %98			
BATTERY				
Battery Voltage	192 – 240 Vdc. 16 or 20 Bat. (Setting Available via LCD)			
Inbuilt Battery	16x 7 – 9 Ah.	16x 7 – 9 Ah.		
Charging Current (Standard Model)	1 Amp.			
Charging Current (Long Model)	1-5 Amp. Setting Available / 12A. (Ops.)			
Recharge Time	%90 capacity 8 hours			
ALARMS				
Utility Failure	Beep / 4sec			
Low Battery	Beep / 1sec			
Overload	Beep Twice / 1sec			
ENVIRONMENTAL / COMMUNICATION / STANDARTS				
Operations Temperature / Humidity	0 ~ 90% (non-condensing) / IP20			
Noise Level	≤ 50 Db (1 mt)	≤ 50 Db (1 mt)		
Standard RS 232 / USB (Optional)	Windows98/2000/2003/XP/vista/2008/7/8			
SNMP (Optional)	Power management from SNMP Manager and web browser			
STANDARTS	IECEN62040-1, IECEN62477-1 IECEN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8			
DIMENSION / WEIGHT				
Dimension (WxDxH)	440 x 660 x 176 (S) – 4U / 440 x 580 x 88 (L) – 2U			
Packaging Dimension (WxDxH)	564 x 792 x 418 (S) / 514 x 696 x 168 (L)			
Net Weight (Kg)	58 (S) / 12 (L)	58 (S) / 12 (L)		
Gross Weight (Kg)	68 (S) / 14 (L)	68 (S) / 14 (L)		

BACK PANEL CONFIGURATION

- 1- SNMP (Optional)
- 2- SILENT FANS
- 3- PARALEL PORT (Optional)
- 4- RS 232
- 5- EPO
- 6- USB (Optional)
- 7- Heat Sensor (Optional)
- 8- Grounding
- 9- BYPASS Switch
- 10- Connections Terminal
- 12- Connections Terminal



6-10 KVA. (L)



6-10 KVA. (S)