

## Professional Series



Green Power



Environmental Friendly



Energy Saving



## PowerBridge Neo<sup>3</sup> Series True Online UPS



- User Friendly LCD Display
- N + X Parallel Redundancy
- DSP Technology Guarantees High Performance
- 0.9 Output Power Factor
- Accept Dual-Mains Inputs
- ECO Mode Function for Energy Saving
- Extendable Run Time
- Sealed Lead Acid Maintenance Free Battery - CSB/YUASA/PANASONIC Japan Battery
- Comes with RS 232 Port , USB Port, SNMP Slot & Power Management Software



• Boost & Buck AVR



• Long Back-up Time



• Software •



• 2 Years Warranty

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# RIGHT POWER

The Power Of Continuity

Technical Specification:

MODEL	PowerBridge Neo-3 10K	PowerBridge Neo-3 10KS	PowerBridge Neo-3 20K	PowerBridge Neo-3 20KS	PowerBridge Neo-3 30K	PowerBridge Neo-3 30KS
CAPACITY (KVA/W)	10KVA/ 9,000W		20KVA/18,000W		30KVA/27,000W	
<b>INPUT</b>						
VOLTAGE RANGE	3 x 400VAC (3Ph+N)					
INPUT VOLTAGE RANGE	190-520VAC (3-Phase) at 50% load ; 305 - 478VAC (3-Phase) at 100% load					
FREQUENCY RANGE	45-54Hz or 56-64Hz					
PHASE	3-Phase in / 3-phase out					
INPUT POWER FACTOR	≥ 0.99 at 100% load					
<b>OUTPUT</b>						
OUTPUT VOLTAGE	3 x 400VAC (3Ph+N)					
AC VOLTAGE REGULATION	± 1%					
FREQUENCY RANGE (Synchronized Range)	45-54Hz or 56-64Hz					
FREQUENCY RANGE (Batt. Mode)	50Hz ± 0.1Hz or 60Hz ± 0.1Hz					
CURRENT CREST RATIO	3:1					
TOTAL HARMONIC DISTORTION (THDv)	≤ 2% @ Linear Load ; ≤ 5% @ Non-Linear Load					
WAVEFORM	Pure Sinewave					
TRANSFER TIME (TYPICAL)	Zero					
OUTPUT SOCKET	Hard-Wiring (Terminal Block)					
<b>BATTERY</b>						
SEALED LEAD ACID MAINTENANCE FREE BATTERY - CSB/YUASA/PANASONIC Japan Battery	12V 9AH x 20pcs	Depending on the capacity of External Batteries	12V 9AH x 20pcs x 2 string	Depending on the capacity of External Batteries	12V 9AH x 20pcs x 3 string	Depending on the capacity of External Batteries
BACKUP TIME (Depending on Load)	15 - 20 minutes		15 - 20 minutes		15 - 20 minutes	
RECHARGE TIME	9 Hours to 90%		9 Hours to 90%		9 Hours to 90%	
CHARGING CURRENT (MAX)	1A	4A	2A	4A	2A	4A
<b>STATUS INDICATION</b>						
LCD DISPLAY	UPS Status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer, UPS Fault					
AUDIBLE ALARM	Battery Mode, Low Battery, UPS Fault, Overload					
<b>COMMUNICATION</b>						
POWER MANAGEMENT SOFTWARE	Support Window Family, Linux, Sun Solaris, IBM Aix, Compaq True 64, FreeBSD, HP-UX, MAC					
	- Automatically Shut-down, Saves Application Data Before Exit			- Power Flow Display for Monitoring UPS Status		
	- Schedules System Shutdown/Restart			- Warning Notification Via E-Mail/Pager/Broadcast		
	- Remote Monitor/Control via LAN			- Safety Shutdown Multi System		
- Records Logs for Analysis						
INTERFACE	USB Port / RS 232 Port					
SNMP Slot	Yes					
EMERGENCY POWER OFF	Yes					
<b>SURGE PROTECTION &amp; FILTERING</b>						
SPIKE, SURGE & LIGHTNING PROTECTION	Yes					
OVERLOAD, SHORT CIRCUIT PROTECTION	Yes					
<b>PHYSICAL</b>						
OPERATING ENVIRONMENT	0-40°C, 0 - 95% Relative Humidity (Non-Condensing)					
NOISE LEVEL	< 55dB @ 1 Meter			< 60dB @ 1 Meter		
DIMENSION (DxWxH)mm	815 x 250 x 826	592 x 250 x 826	815 x 250 x 826	592 x 250 x 826	815 x 300 x 1000	815 x 250 x 826
WEIGHT (KG)	109	38	164	40	230	62

\*Specification subjects to change without prior notice

