

## Professional Series



Green Power



Environmental Friendly



Energy Saving



## PowerBridge Series

True Double Conversion Online UPS



- 3-Phase in / 1-Phase out
- N + X Parallel Redundancy
- DSP Technology Guarantees High Performance
- 0.9 Output Power Factor
- Wide Input Range (110 - 300VAC)
- Built-in Phase Auto Adapt Function for Easy Wiring Installation
- ECO Mode Function for Energy Saving
- Emergency Power Off Function (EPO)
- Generator Compatible
- 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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## Technical Specification:

MODEL	PowerBridge 10K	PowerBridge 10KS	PowerBridge 15K	PowerBridge 15KS	PowerBridge 20K	PowerBridge 20KS	PowerBridge 30K	PowerBridge 30KS
CAPACITY (KVA/W)	10KVA / 9000W		15KVA / 13,500W		20KVA / 18,000W		30KVA / 27,000W	
<b>INPUT</b>								
NOMINAL VOLTAGE	3 x 400VAC (3Ph+N)							
VOLTAGE RANGE	305 - 478VAC (3-Phase) at 100% load : 190 - 520VAC (3-Phase) at 50% load							
FREQUENCY RANGE	46 - 54Hz or 56 - 64Hz							
PHASE	3-Phase in / 1-Phase out							
INPUT POWER FACTOR	≥ 0.99 @ 100% Load							
THDi	< 6% @ 100% Load							
<b>OUTPUT</b>								
OUTPUT VOLTAGE	208/220/230/240VAC							
OUTPUT POWER FACTOR	0.9							
VOLTAGE REGULATION (Batt. Mode)	± 1%							
FREQUENCY RANGE (Synchronized Range)	46 - 54Hz or 56 - 64Hz							
FREQUENCY RANGE (Batt. Mode)	50Hz or 60Hz ± 0.1Hz							
CURRENT CREST RATIO	3 : 1							
TOTAL HARMONIC DISTORTION (THDv)	≤ 2% THD (Linear Load) ; ≤ 5% (Non-Linear Load)							
WAVEFORM	Pure Sinewave							
TRANSFER TIME - AC Mode to Batt. Mode	Zero							
TRANSFER TIME - Inverter to Bypass	Zero							
OUTPUT SOCKET	Hard-Wiring (Terminal Block)							
<b>EFFICIENCY</b>								
AC MODE	89%		89%		89%		89%	
BATTERY MODE	86%		88%		87%		87%	
<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 40pcs	Depending on the capacity of External Batteries	12V 9AH x 40pcs	Depending on the capacity of External Batteries	12V 9AH x 60pcs	Depending on the capacity of External Batteries
BACKUP TIME (Depending on Load)	15 - 20 minutes		15 - 20 minutes		15 - 20 minutes		15 - 20 minutes	
RECHARGE TIME	9 Hours to 90%		9 Hours to 90%		9 Hours to 90%		9 Hours to 90%	
CHARGING CURRENT (MAX)	1A	4A	2A	8A	2A	8A	2A	8A
<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			
	- Warning Notification Via E-Mail/Pager/Broadcast				- Remote Monitor/Control via LAN			
	- Records Logs for Analysis				- Schedules System Shutdown / Restart			
INTERFACE	USB Port / RS232 Port							
SNMP Slot	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	Less Than 58dB @ 1 Meter				Less Than 60dB @ 1 Meter			
DIMENSION (DxWxH)mm	592 x 250 x 576		815 x 250 x 826	592 x 250 x 576	815 x 250 x 826	592 x 250 x 576	815 x 300 x 1000	815 x 250 x 826
WEIGHT (KG)	83	28	164	40	164	40	230	62

\*Specification subjects to change without prior notice

