



PowerBridge RT Series

Online UPS 10~40kVA

- » Adjustable Input and Output Configuration
- » High AC/AC Efficiency up to 96%
- » High Output Power Factor up to 0.9/1.0(Optional)
- » Tower and Rack Compatible Design
- » Supportable 4 Units Parallel
- » Galvanic Isolation with Transformer (Optional)

Green Power

- AC/AC efficiency up to 96%, less operation cost and more energy saving
- Output power factor 0.9/1.0 to connect more critical loads
- Input PF/0.996 and THDi<5% (10-20KVA)/ THDi <3% (30-40KVA), less power pollution and lower TCO

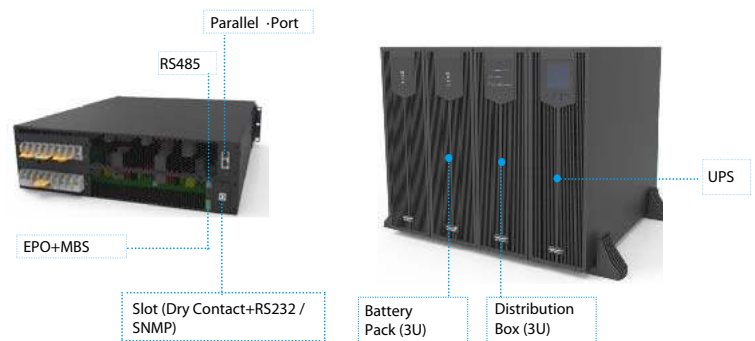
Flexible Configuration

- Dry contact kit and SNMP are optional
- External battery pack port is available
- Adjustable input and output 33/31/11 (10-20KVA) configuration and 33/31 (30-40KVA) configuration
- External UPS input and output distribution box is available

Intelligentize LCD Display

- The digital display can be easily shifted through LCD setting for vertical or horizontal installation
- Alarm information display, battery rest time monitor, operation mode setting

Typical Applications:



User-friendly and Easy-shift

- Tower or rack compatible design
- Adjustable battery numbers and charge current

Technical Specification

MODEL	PowerBridge RT 10K	PowerBridge RT 15K	PowerBridge RT 20K	PowerBridge RT 30K	PowerBridge RT 40K
Input					
Voltage (Vac)	138–485 (L–L)				
Frequency (Hz)	40–70				
Power Factor	≥0.99				
THDi	<5%			<3%	
Output					
Capacity (kVA)	10	15	20	30	40
AC/AC Efficiency (Max.)	96%				
Power Factor	0.9 (1.0 Optional)				
Voltage (Vac)	380/400/415 ± 1%(L–L)				
Frequency (Hz)	50/60 ± 0.1 (battery mode)				
THDv	THD <2% (linear load), THD <4% (nonlinear load)			THD <1% (linear load), THD <3% (nonlinear load)	
Transfer Time	0				
Overload*	115%~130% load for 15 min, 131%~155% load for 1 min, >155% load: change to bypass immediately				
ECO Mode	Yes				
Battery					
Voltage (Vdc)	± 192 (± 144~ ± 240 adjustable)				
Charging Current (A)	4 (1–10 settable)			15 (1–20 settable)	
Other					
Communication Interface	RS485+EPO (RS232+dry contact, SNMP are optional in slot)				
Display	Blue screen LCD				
Alarm	Low battery, abnormal AC input, UPS failure, etc.				
Protection	Low battery, overload, short-circuit and over temperature, etc.				
Noise (dB)	<55				
Working Temperature (° C)	–5~40, no derating				
Relative Humidity	0 ~ 95%, no condensation				
Dimension (W × D × H)(mm)	UPS	438 × 500 × 130 (3U)			438 × 680 × 130 (3U)
	Distribution Box	438 × 500 × 130 (3U)			438 × 680 × 130 (3U)
	Batt. Pack	438 × 650 × 130 (3U)			438 × 680 × 130 (3U)
Weight (kg)	UPS	20			34
	Distribution Box	8			14
	Batt. Pack	62 (12V 9AH x 20pcs) x 2			

* Test condition: PF=0.9

• Specification is subject to change without prior notice