

Borri B400 Series

UNINTERRUPTIBLE POWER SOLUTIONS

B400 Series

Online double conversion, 1kVA - 3kVA

Perfect for small to medium sized offices, telecoms centres and security facilities

Features snapshot

- Online double conversion topology
- Eco-mode function
- Wide input voltage window
- High efficiency
- Selectable output voltage
- Frequency converter feature
- EPO connection
- Intelligent communications slot
- IEC plug retention clips
- USB connectivity
- Intelligent monitoring software
- Server shut down in the event of a mains fail
- Battery extension modules



The Borri **B400** series is a range of compact UPS systems featuring on-line double conversion technology. Developed around the highest level of protection, the **B400** range is the most reliable of its kind.

As a genuine plug 'n' play system the **B400** units are delivered ready for immediate use and are suitable for all loads requiring true uninterrupted power.

B400 Product Specification

MODELS	B400-010-B	B400-010-C	B400-020-B	B400-020-C	B400-030-B	B400-030-C
INPUT						
Input Voltage Window	110VAC-300VAC					
THDi	<5% with full load					
Power Factor	≥0.99(FULL LOAD)					
Input Frequency Range	45-55Hz / 54-66Hz					
OUTPUT						
Power(kVA) max	1.0		2.0		3.0	
Power Factor	0.8 (Default)					
	0.6 - 1 (Flexible)					
Output Voltage						
Waveform	Pure Sinewave					
Nominal voltage	200VAC*/208VAC**/220VAC/230VAC/240VAC					
Voltage regulation	± 2 %					
Transient recovery	100ms (IEC 62040-3 Non-linear load)					
Output Frequency						
Synchronization range	45-55Hz / 54-66Hz					
Slew rate	1Hz/s					
Battery mode	(50/60±0.2)Hz					
Transfer Time						
Normal mode to battery mode	0ms					
Inverter to bypass, ECO mode	<4ms					
Full Load Efficiency						
ECO mode	>94%					
Overload Capability						
110% for 1 min; 125% for 30 seconds ; >150% for 1 second						
Crest Ratio						
3:1						
BATTERY						
Charger Size	1AMP	4AMP	1AMP	4AMP	1AMP	4AMP
AC Outlets	3 x IEC C13		6 x IEC C13		4 x IEC C13, 1 x IEC C19	
DC Voltage	36VDC		96VDC		96VDC	
Back-up Time (full load)	>5minutes	N/A	>9minutes	N/A	>5minutes	N/A
MECHANICAL						
Dimensions W x D x H (mm)	145 x 400 x 200		192 x 460 x 347			
FEATURES						
Eco-Mode; Dual Communication; Cold Start; EPO Connection; Fan Speed Control; USB Connectivity; Frequency Converter Mode***						

*Derate to 80% with 200VAC output voltage. **Derate to 90% with 208VAC output voltage. ***Derate to 60% during Frequency Converter Mode.