

BORRI ROTATION

TECHNICAL SPECIFICATIONS • 1kVA -3kVA

SPECIFICATIONS	1kVA	2kVA	3kVA
INPUT			
Voltage Window	160-280 VAC	160-280 VAC	160-280 VAC
Frequency	50 Hz +/- 5	50 Hz +/- 5	50 Hz +/- 5
Phase / Wire	single phase plus ground	single phase plus ground	single phase plus ground
Power Factor	> 0.99	> 0.99	> 0.99
Current THD (100% Linear)	< 5%	< 5%	< 5%
OUTPUT			
Voltage Window	220/230/240 VAC	220/230/240 VAC	220/230/240 VAC
Voltage Regulation	+/- 1%	+/- 1%	+/- 1%
Capacity	1000VA / 700W	2000VA / 1400W	3000VA / 2100W
Rated Power Factor	0.7	0.7	0.7
Wave Form	Sine Wave	Sine Wave	Sine Wave
Frequency Regulation	+/- 0.1%	+/- 0.1%	+/- 0.1%
Transfer Time	0msec	0msec	0msec
Crest Factor	3:1	3:1	3:1
Efficiency AC-AC	> 95%	> 95%	> 95%
DC Start	YES	YES	YES
BATTERY			
Type	Sealed Lead Acid, Maintenance Free		
Quantity	3	6	6
Voltage	36 Vdc	72 Vdc	72 Vdc
Recharge Time (typical)	3 hours to 90%	3 hours to 90%	3 hours to 90%
DISPLAY			
Status on LCD	Line, Back-up, ECO Mode, Bypass Supply, Battery Low, Disconnect Battery, Overload		
Readings on LCD	Input /Output Voltage, Input/Output Frequency, Load Percentage, Battery Voltage & Internal Temperature		
Self-Diagnostics	Upon power-ON, Front Panel Setting & Software Control, 24-HOUR Routine checking		
ALARMS			
Audible and Visual	Line Failure, Battery Low, Transfer to Bypass, System Fault Conditions		
PROTECTION			
Overload	< 105% continuously. 121%-150% 10 seconds		
Short Circuit	Yes	Yes	Yes
Overheat	AC: Switch to Bypass	AC: Switch to Bypass	AC: Switch to Bypass
Battery Low	Alarm and switch off	Alarm and switch off	Alarm and switch off
PHYSICAL			
Dimensions (WxDxH)	440x405x88 (2U)	440x405x88 (2U)	440x405x88 (2U)
Net Weight	16	28	30
Outlets	6 x IEC320-C13	6 x IEC320-C13	4xIEC320-C13&ITEC326-C19
QUALITY			
Quality Assurance	ISO9001 Certified	ISO9001 Certified	ISO9001 Certified
Safety Standard	EN62040-1-1	EN62040-1-1	EN62040-1-1
EMC Standard	EN62040-2	EN62040-2	EN62040-2
Marks	CE, UL	CE, UL	CE, UL

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