



● Features:

- Wide AC Input range
- Automatic changeover on battery
- Protections: Short circuit / over load
- Inbuilt 12V7Ah SMF Battery
- Cooling by free air convection
- > 20 Minutes Battery Backup
- 100% full load burn in
- High reliability

Specification:

MODEL		BB100-24	BB100-30	BB100-110
Output	Voltage	24 VDC	30VDC	110VDC
	Current	4.16 AMPS	3.33 AMPS	1 AMPS
	Rated Power	100W		110W
	Ripple & Noise (Max.)	< 1% of output Voltage		
	Voltage Tolerance	+ / - 1 % of Rated Voltage		
	Line Regulation	< + / - 0.5%		
	Load Regulation	< + / - 1%		
Input	Hold up Time	> 20mSec Typical		
	Voltage Range	160 ~ 300VAC		
	Frequency Range	45 ~ 65 Hz		
	Efficiency	> 80 %		
	AC Current	1A / 230VAC		
Protection	Inrush Current (max)	Cold Start 30A (MAX) / 230VAC		
	Leakage Current	< 1mA / 230VAC		
Auto change over	Over Load	Protection Type: Constant current, recovers automatically after fault condition is removed		
	Battery low	Protection Type: Output gets shutdown at battery voltage 10.5VDC		
Indications	I/P Under voltage Cut off	Under voltage Cut off = 150VAC +/- 10VAC and Recovery = 160VAC +/- 10VAC After cutoff o/p automatically change over on Battery.		
	I/P over voltage Cut off	Over Voltage Cut off = 290VAC +/- 10VAC and Recovery = 280VAC +/- 10VAC After cutoff o/p automatically change over on Battery.		
Environment	LED Indication	5MM LED Indication for I/P under volt, I/P over volt, Mains On, Batt. operation, O/P switch off, Batt. charging (Blinking) & Batt.Full charge (Constant glow), O/P On and Over load.		
	Working Temp.	-5DegC ~ 60DegC		
	Working Humidity	20 ~ 90%RH Non-Condensing		
	Storage Temp. Humidity	-10 ~ 85DegC 10 ~ 95% RH		
Safety & EMC	Vibration	10~500Hz, 2G, 20min/sweep, Period-1Hr., Each along X,Y,Z axes		
	Safety Standard	As per UL60950-1		
	Withstand Voltage	I/P-O/P : 2KVAC , I/P-Earth : 1.5KVAC , O/P-Earth : 500VAC		
	Isolation Resistant	I/P-O/P, I/P-Earth, O/P- Earth : 100M Ohms / 500VDC		
Other	EMI & EMC	As per EN55011, EN50081-2, EN61000-4-6		
	Connectivity	6 Pin open type Terminal Strip.		
Note	Dimensions	283MM*173*133 (L*D*H) Panel mounting provision 100*160 MM Matrix		
	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25Deg.C. ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance , line regulation and load regulation.</p> <p>4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-conformed that it still meets EMC directives.</p>			
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DIMENSIONAL DETAILS

