



TRI-MAG, Inc.
your POWER Specialists

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ON LINE, 100 WATTS PFC
BBU100 & BBU100M SERIES
 UNINTERRUPTABLE POWER SUPPLY FOR
 MEDICAL AND INDUSTRIAL APPLICATION



GENERAL SPECIFICATIONS

Input Voltage..... 90VAC to 264VAC
 Input Frequency..... 47Hz to 63Hz
 Inrush Current (cold).....<50A @ 220VAC
 25°C
 Operating Temperature..... 0 to 40°C
 Storage Temperature.....(w/o battery)-20°C to 85°C
 Cooling..... <100W Air Convection
 >130W 18 CFM min.
 Efficiency..... 85-90% Typical
 Overvoltage Type..... Latch Off
 Overload Protection..... Auto Recovery
 Short Circuit Protection.....Auto Recovery
 Safety..... UL 60950, UL 2601-1
 CSA 22.2 #234,#601-1
 EN60950, EN6060-1
 EMI.....FCC "B"
 EN61000-4-2,-3,-4
 -5,-6,-8,-11
 Harmonics.....EN61000-3-2, LAS A

DESCRIPTION

BBU100 & BBU100M series is a battery backup power supply. This product adds a battery backup capability to the existing DZ100 and DZ100M series product line providing a different dc output voltage. Nickel metal hydride battery

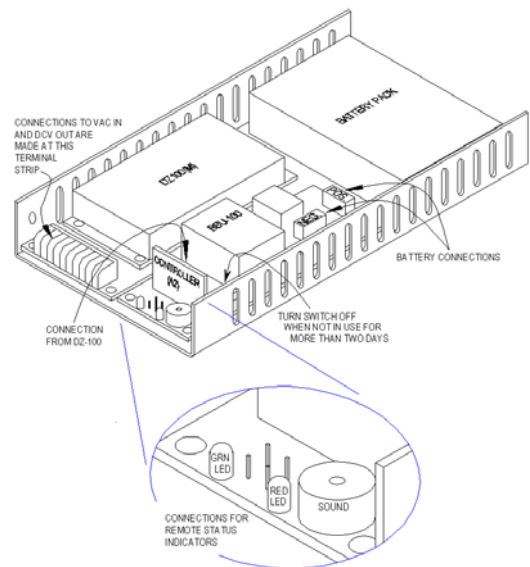
FEATURES

- EMI FCC Class B
- Power Factor Correction
- No Minimum Load Required
- Single and multiple outputs
- Universal Input 90 VAC to 264VAC
- High Efficiency
- 100% Cycling On-Off Burn-In Test
- Overload, Short Circuit and Over Voltage Protection
- LED & Audio Indicator
- Additional Battery, if need addition backup time

APPLICATIONS

- Alarm Systems
- Telecommunication
- Medical Equipment and Devices
- Industrial Control
- Process Control
- Robotic System
- Instrumentation
- Security Equipment

MECHANICAL SPECIFICATIONS



MECHANICAL SPECIFICATIONS:
 Dimension Shown in IN

Chassis Size:
 6.0" x 10.6" x 1.6"
 (152mm x 269.2mm x 40.6mm)

Input, Output Connectors:
 AC Input, DC Output Terminal Block 3PCV-10 or equivalent



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MODEL NUMBER & OUTPUT SPECIFICATIONS

INDUSTRIAL APPLICATION					
Model	Watts	Voltage (Vdc)	Load (A)		
			Min.	Rate	Max.
BBU100-6	100	+5V	0	20	26
BBU100-7	100	+12V	0	9	11.0
BBU100-8	100	+15V	0	7	8.7
BBU100-9	100	+24V	0	4.5	5.4
BBU100-14	100	+48V	0	2.3	2.7
BBU100-2	100	+5V	0	11.5	15
		+12V	0	3	5
		-12V	0	0.5	1
BBU100-19	100	+3.3V	0	10	15
		+5V	0	8	10
		+12V	0	0.5	1
BBU100-18	100	+3.3V	0	25.0	30
BBU100-3	100	+5V	0	7.0	10
		+12V	0	8.0	10

Detailed Electrical specification, please refer to DZ100 Series.

MEDICAL APPLICATION					
Model	Watts	Voltage (Vdc)	Load (A)		
			Min.	Rate	Max.
BBU100M-6	100	+5V	0	20	26
BBU100M-7	100	+12V	0	9	11.0
BBU100M-8	100	+15V	0	7	8.7
BBU100M-9	100	+24V	0	4.5	5.4
BBU100M-14	100	+48V	0	2.1	2.7
BBU100M-2	100	+5V	0.5	10	15
		+12V	0	3	4.1
		-12V	0	0.8	1.1
BBU100M-10	100	+5V	0.5	10	15
		+15V	0	2.5	4.1
		-15V	0	0.8	1.1
BBU100M-4	100	+28V	0	3.8	4.65

Detailed Electrical specification, please refer to DZ100M Series.