

TD-WM-BBU SERIES SINGLE OUTPUT DC UPS BATTERY BACK-UP POWER SUPPLIES RUGGED/WALL MOUNT

APPLICATIONS

The TD-WM-BBU Series satisfies an emerging market where "critical" continuous power is required. Designed as a complete system with power supply, charger and on board batteries, loaded with standard features the TD-WM-BBU Series is ideal for medical, industrial and communication applications.

STANDARD FEATURES

- Compact, Light Weight
- Rugged construction
- OV/OL/OT Protected
- Built-In On Board Premium Batteries
- Input and Battery Circuit Breakers
- Internal Cooling Fans
- Visual and Electronic Signals
- Low Voltage Battery Disconnect.

AVAILABLE OPTIONS

- Redundant Operation (N+1)
- MS Connectors
- 400 Hz Operation
- EMI Reduction (MIL-STD-461)
- Conformal Coating
- 3 Phase Input
- Ruggedized for Shock & Vibration
- Voltage and Current Meters



SPECIFICATIONS

ELECTRICAL

AC Input Voltage : 90-264VAC
AC Input Frequency: 47-63Hz Standard, 47-400Hz optional
Regulation: Line \pm .3%
Load + 2%
Ripple: 1% peak to peak, not to exceed 100mVpp
Efficiency: 85% typical
Output voltage adj: +10% on main output
Overvoltage Protection: Set at 120% of main output,
automatic recovery
Overload Protection: Current limiting, automatic recovery

MECHANICAL AND ENVIRONMENTAL

Operating Temperature:
0°C to + 50°C standard
-40°C to 75°C optional
Storage Temperature: -40°C to 85°C
Cooling: Internal ball bearing DC fan
Safety: Designed to meet UL 1950, CSA 1402 A
EMI: meets FCC Class A
Humidity: 90% non condensing
Size: 24" x 16" x 8"
Weight: Approx: 65lbs (depending on battery type & size)

MODEL SELECTION

400 WATT POWER SUPPLY	
MODEL	OUTPUT
TD-WM-BBU-12-33	12V (13.5V) @ 33A
TD-WM-BBU-24-17	24V (27.6V) @ 17A
TD-WM-BBU-48-8	48V (54V) @ 8A
400 WATTS BACK-UP FOR 60 MIN	

600 WATT POWER SUPPLY	
MODEL	OUTPUT
TD-WM-BBU-12-50	12V (13.5V) @ 50A
TD-WM-BBU-24-25	24V (27.6V) @ 25A
TD-WM-BBU-48-12	48V (54V) @ 12A
600 WATTS BACK-UP FOR 50 MIN	

800 WATT POWER SUPPLY	
MODEL	OUTPUT
TD-WM-BBU-24-66	12V (27.6V) @ 66A
TD-WM-BBU-24-33	24V (27.6V) @ 33A
TD-WM-BBU-48-16	48V (54V) @ 16A
800 WATTS BACK-UP FOR 30 MIN	

1000 WATT POWER SUPPLY	
MODEL	OUTPUT
TD-WM-BBU-12-80	12V (13.5V) @ 80A
TD-WM-BBU-24-41	24V (27.6V) @ 41A
TD-WM-BBU-48-20	48V (54V) @ 20A
1000 WATTS BACK-UP FOR 15 MIN	

1500 WATT POWER SUPPLY	
MODEL	OUTPUT
TD-WM-BBU-12-125	12V (13.5V) @ 125A
TD-WM-BBU-24-63	24V (27.6V) @ 63A
TD-WM-BBU-48-32	48V (54V) @ 32A
1500 WATTS BACK-UP FOR 5 MIN	

NOTES:

ADDITIONAL SIZE BOXES ARE AVAILABLE FOR INCREASED POWER LEVELS AND BACK-UP TIMES.
MINIMUM QUANTITY PURCHASE REQUIRED ON MOST MODELS. OTHER VOLTAGES & CURRENTS ARE AVAILABLE CONTACT THE FACTORY FOR DETAILS.

MECHANICAL OUTLINE

