# 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:

 $0^{\circ}$ C to +  $50^{\circ}$ 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 (deppending on battery type & size)

# 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

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	

## **MODEL SELECTION**

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	

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	

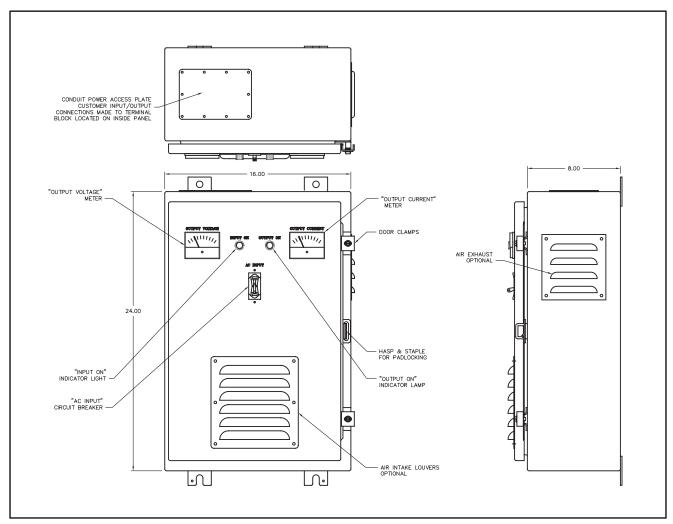
800 WATT POWER SUPPLY	
MODEL	OUTPUT
TD-WM-BBU-24-66	12V (27.6V) @ 66A
TD-WM-BBU-24-33	24V (27.6V) @ 33A
TD-WM-BBU-48-16	48V (54V) @ 16A
800 WATTS BACK-UP FOR 30 MIN	

#### **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**



APPLIED POWER CONVERSION division of