

# TCP-BX-BBU SERIES

## SINGLE OUTPUT DC UPS

### BATTERY BACK-UP POWER SUPPLIES

26.66" x 10.20" x 6.56"  
400 - 1000 WATTS



#### APPLICATIONS

TCP-BX Series satisfies an emerging market where "critical" continuous power is required. Designed as a complete system with power supply and on board batteries, the TCP-BX Series is ideal for portable harsh Industrial and Communication applications where no downtime is critical. Portable DC power where and when you need it.

#### STANDARD FEATURES

- Compact, light weight
- Rugged Construction
- OV/OL/OT Protected
- Built-In On Board Premium Batteries
- Input and battery circuit breakers
- MS Connectors
- Low Voltage Battery Disconnect
- Portable or Bolt Down Models

#### AVAILABLE OPTIONS

- Redundant Operation (N+1)
- Premium Batteries
- Low Voltage Battery Disconnect (LVBD) for Battery Back-Up operation
- Conformal Coating
- Additional EMI Filtering
- Power Factor Correction
- Ruggedized for Shock and Vibration
- AC Line Cord

#### SPECIFICATIONS

##### ELECTRICAL

AC Input Voltage : 90-264 VAC Standard

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 & ENVIRONMENTAL

Operating Temperature: 0°C to + 50°C standard

Storage Temperature: -40°C to 85°C

Cooling: Internal ball bearing DC fan

Safety: Designed to meet UL 1950, CSA 1402 A

Humidity: 90% non condensing

Size: 21.66" (L) x 10.20" (W) x 6.56" (H)

Weight: Approx: 25lbs (depending on battery type & size)

Size: 11.0" x 5.0" x 2.5"

## MODEL SELECTION

400 WATT POWER SUPPLY		600 WATT POWER SUPPLY		800 WATT POWER SUPPLY		1000 WATT POWER SUPPLY	
MODEL	OUTPUT	MODEL	OUTPUT	MODEL	OUTPUT	MODEL	OUTPUT
TCP-BX-BBU-12-33	12 V (13.5 V) @ 33 A	TCP-BX-BBU-12-50	12 V (13.5 V) @ 50 A	TCP-BX-BBU-12-66	12 V (13.5 V) @ 66 A	N/A	N/A
TCP-BX-BBU-24-17	24 V (27.6 V) @ 17 A	TCP-BX-BBU-24-25	24 V (27.6 V) @ 25 A	TCP-BX-BBU-24-33	24 V (27.6 V) @ 33 A	TCP-BX-BBU-24-41	24 V (27.6 V) @ 41 A
TCP-BX-BBU-48-8	48 V (54 V) @ 8 A	TCP-BX-BBU-48-12	48 V (54 V) @ 12 A	TCP-BX-BBU-48-16	48 V (54 V) @ 16 A	TCP-BX-BBU-48-20	48 V (54 V) @ 20 A
400 WATTS BACK-UP FOR 30 MIN.		600 WATTS BACK-UP FOR 10 MIN.		800 WATTS BACK-UP FOR 5 MIN.		1000 WATTS BACK-UP FOR 3 MIN.	

**NOTES:**

1. MINIMUM QUANTITY PURCHASE REQUIRED ON MOST MODELS.
2. OTHER VOLTAGES & CURRENTS ARE AVAILABLE CONTACT THE FACTORY FOR DETAILS.
3. PREMIUM BATTERIES AVAILABLE FOR HARSH ENVIRONMENT OPERATION.

## MECHANICAL OUTLINE

