

TCP-BX-BBU SERIES
SINGLE OUTPUT DC UPS
BATTERY BACK-UP POWER SUPPLIES
400 - 1000 WATTS

APPLICATIONS

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



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

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

MECHANICAL AND 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)

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	12V (13.5V) @ 33A	TCP-BX-BBU-12-50	12V (13.5V) @ 50A	TCP-BX-BBU-12-66	12V (13.5V) @ 66A	TCP-BX-BBU-24-41	24V (27.6V) @ 41A
TCP-BX-BBU-24-17	24V (27.6V) @ 17A	TCP-BX-BBU-24-25	24V (27.6V) @ 25A	TCP-BX-BBU-24-33	24V (27.6V) @ 33A	TCP-BX-BBU-48-20	48V (54V) @ 20A
TCP-BX-BBU-48-8	48V (54V) @ 8A	TCP-BX-BBU-48-12	48V (54V) @ 12A	TCP-BX-BBU-48-16	48V (54V) @ 16A		
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.	

NOTE: MINIMUM QUANTITY PURCHASE REQUIRED ON MOST MODELS.

OTHER VOLTAGES & CURRENTS ARE AVAILABLE CONTACT THE FACTORY FOR DETAILS.

PREMIUM BATTERIES AVAILABLE FOR HARSH ENVIRONMENT OPERATION.

MECHANICAL OUTLINE

