APPLIED POWER CONVERSION Division of TECHNOLOGY DYNAMICS INC.

TCP-RK-BBU SERIES SINGLE OUTPUT DC UPS BATTERY BACK-UP POWER SUPPLIES RUGGED/RACK MOUNT

APPLICATIONS

The TCP-RK-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 TCP-RK-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
- Voltage & Current Meters
- Visual and Electronic Signals
- Low Voltage Battery Disconnect.

AVAILABLE OPTIONS

- Redundant Operation (N+1)
- MS Connector
- 400 Hz Operation
- Wide Temperature Range (Premium Batteries)
- Conformal Coating
- Power Factor Correction
- Ruggedized for Shock & Vibration



SPECIFICATIONS

ELECTRICAL

AC Input Voltage : 90-264VAC AC Input Frequency: 47-63Hz Standard, 47-400Hz optional Regulation: Line ± .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: 3.5"(H) x 19"(W) x 18" (L) Weight: Approx: 35lbs (deppending on battery type & size)



Design Excellence since 1976!

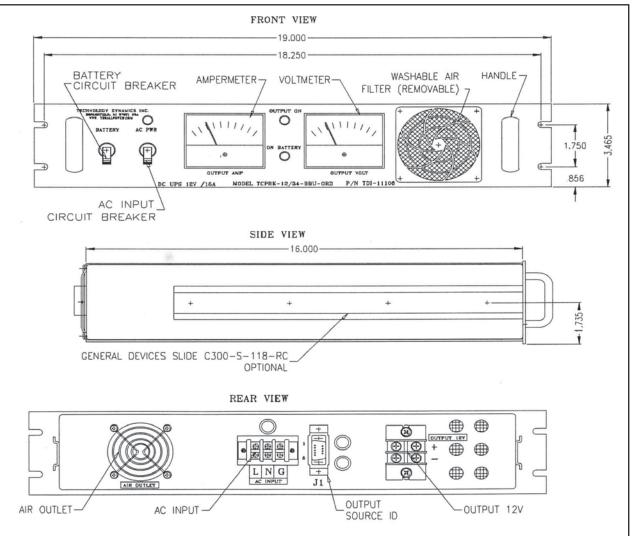
MODEL SELECTION

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-RK-BBU-12-34	12V (13.5V) @ 34A	TCP-RK-BBU-12-50	12V (13.5V) @ 50A	TCP-RK-BBU-24-66	12V (27.6V) @ 66A		
TCP-RK-BBU-24-17	24V (27.6V) @ 17A	TCP-RK-BBU-24-25	24V (27.6V) @ 25A	TCP-RK-BBU-24-33	24V (27.6V) @ 33A	TCP-RK-BBU-24-41	24V (27.6V) @ 41A
TCP-RK-BBU-48-8	48V (54V) @ 8A	TCP-RK-BBU-48-12	48V (54V) @ 12A	TCP-RK-BBU-48-16	48V (54V) @ 16A	TCP-RK-BBU-48-20	48V (54V) @ 20A
600 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: SEPARATE POWER SUPPLY RACKS AND DRAWS 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 **TECHNOLOGY DYNAMICS INC.** 100 School Street, Bergenfield, NJ 07621 Phone: (201) 385-0500, Fax: (201) 385-0702 Website: www.theallpower.com

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE