

TP110048-BPS

Standard Features

- Outdoor Line Interactive Back-up Power System.
- Meets TEES for traffic applications.
- Operating Temperature Range -37 to +74c
- LED indicator and LCD panel with full function programing.
- Temp Probe for charger temperature compensation.
- Smart charge technology ensures the batteries are always at peak performance.
- VDC test points
- Programmable N/C and N/O terminals.
- Anderson SB-50 battery connectors and preconfigured 4 battery harness.
- Advanced Communication for local or remote monitoring of the TP110048 BBS
- SNMP Ethernet ready.

Voltage Range, VAC	System Technical Specification					
Voltage Range, VAC Input Circuit Input Circuit Breaker Step Load Response (50% Load Change) Short Circuit Protection Battery String Voltage, VDC OUTPUT Power, VAW (Line or Inverter mode) Cutput Voltage, VAC Inverter Mode Cutput Voltage, VAC Circuit Protection INPUT Circuit Breaker Battery String Voltage, VDC OUTPUT Power, VAW (Line or Inverter mode) Cutput Voltage, VAC Inverter Mode Circuit Protection INPUT Circuit Breaker Battery String Voltage, VDC OUTPUT Power, VAW (Line or Inverter mode) Cutput Voltage, VAC Inverter Mode Circuit Calva Circuit	INPUT					
Input Circuit Breaker	Voltage Range, VAC		110,120 VAC +/-25%			
Circuit Breaker Step Load Response Step Load Response 1/2 Cycle Full Recovery (Full resistive load) (50% Load Change) Short Circuit Protection Battery String Voltage, VDC OUTPUT Power, VA/W (Line or Inverter mode) Power Factor Output Voltage, VAC Inverter Mode Output Waveform Output Waveform Output Waveform Output Waveform Output Waveform Sine wave Output Waveform Output Waveform Overload Capacity PERORMANCE ATS Transfer Time AS6ms Buck & Boost mode < 10ms ENVIRONMENTAL Operating Temp -50 to +75°C Humidity (Non-Condensing) Altitude (See Notes below) ATS MECHANICAL Dimensions (WxDxH) mm Meight ((kg) Shelf or Optional 19" rack mount brackets Input Connection Terminal block Output Connection To Loads Terminal block Terminal block Terminal block	Frequency		50,60 +/-5Hz			
Step Load Response (50% Load Change)			TD 1100			
Step Load Response (50% Load Change) Short Circuit Protection Battery String Voltage, VDC OUTPUT Power, VAW (Line or Inverter mode) Power Factor Output Voltage, VAC Inverter Mode Inverter Mode Output Waveform Output Waveform Output Waveform TP-1100 Output Waveform Output Waveform Output Waveform Output Waveform TD-1100 Overload Capacity PERORMANCE ATS Transfer Time ENVIRONMENTAL Operating Temp -37 to +74°C Storage Temp -50 to +75°C Humidity (Non-Condensing) Altitude (See Notes below) ATS MECHANICAL Dimensions (WxDxH) mm Weight ((kg) Shelf or Optional 19" rack mount brackets Input Connection Output Connection Terminal block Output Connection To Loads Terminal block Output Connection To Loads Terminal block Output Connection To Loads Terminal block Terminal block Output Connection To Loads Terminal block		120 VAC	TP-1100	20A		
Short Circuit Protection INPUT Circuit Breaker	Breaker					
Short Circuit Protection INPUT Circuit Breaker	Step Load Response		1/2 Cycle Full Recovery (Full resistive load)			
Battery String Voltage, VDC OUTPUT Power, VAW (Line or Inverter mode) TP-1100	(50% Load Change)					
No.						
DUTPUT				48VDC		
Power, VA/W (Line or Inverter mode)						
Cline or Inverter mode						
Power Factor Output Voltage, VAC Inverter Mode Output Waveform Sine wave Output Waveform THD Cote Sine wave Output Waveform THD Coverload Capacity PERORMANCE ATS Transfer Time Some wave Coverload Capacity ATS Transfer Time ATS Transfer Time Coperating Temp Toto to +75°C Humicity (Non-Condensing) Altitude (See Notes below) ATS MECHANICAL Dimensions (WxDxH) Mm Weight ((kg) Dimensions Coutput Connection Coutput Connection To Loads Terminal block			TP-1100	1100VA/1100W		
Output Voltage, VAC Inverter Mode 110,120 VAC nominal 110,120 VAC +/-5% Output Waveform Sine wave Output Waveform THD < 3% (Resistive Load) Load Crest Factor 3:1 (Max) Overload Capacity 110% for 3 minutes PERORMANCE ATS Transfer Time	· ·					
Inverter Mode Output Waveform Output Waveform THD Casw (Resistive Load) Load Crest Factor Overload Capacity PERORMANCE ATS Transfer Time ATS Transfer Time Coperating Temp Coperating Temp Altitude (See Notes below) ATS MECHANICAL Dimensions (WxDxH) mm Weight ((kg) Dimensions Input Connection Output Connection Terminal block Output Connection To Loads Terminal block		1/40		-		
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PERORMANCE ATS Transfer Time Comparison of Content o						
ATS Transfer Time			1 10% for 3 minutes			
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Operating Temp -37 to +74°C Storage Temp -50 to +75°C Humidity (Non-Condensing) Altitude (See Notes below) ATS MECHANICAL Dimensions (WxDxH) mm Weight ((kg) 2.6 Mounting Shelf or Optional 19" rack mount brackets Input Connection To Loads Output Connection To Loads Terminal block Output Connection To Loads Terminal block Terminal block						
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TechPower Developments Inc.