



## 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 programming.
- 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.

System Technical Specification			
<b>INPUT</b>			
Voltage Range, VAC	110,120 VAC +/-25%		
Frequency	50,60 +/-5Hz		
Input Circuit Breaker	120 VAC		20A
		TP-1100	20A
Step Load Response (50% Load Change)	1/2 Cycle Full Recovery (Full resistive load)		
Short Circuit Protection	INPUT Circuit Breaker		
Battery String Voltage, VDC	48VDC		
<b>OUTPUT</b>			
Power, VA/W (Line or Inverter mode)			
	TP-1100		1100VA/1100W
Power Factor	1.0		
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		
<b>PERORMANCE</b>			
ATS Transfer Time	< 65ms Buck & Boost mode < 10ms		
<b>ENVIRONMENTAL</b>			
Operating Temp	-37 to +74°C		
Storage Temp	-50 to +75°C		
Humidity (Non-Condensing)	<95%		
Altitude (See Notes below)	10.000ft/3000m		
<b>ATS MECHANICAL</b>			
Dimensions (WxDxH) mm	485x130x85		
Weight ((kg)	2.6		
Mounting	Shelf or Optional 19" rack mount brackets		
Input Connection	Terminal block		
Output Connection To Loads	Terminal block,		
Output Connection To Loads	Terminal block		
Surge Immunity	IEC 1000-4-5,IEEE C65.41		

***TechPower Developments Inc.***

919 Fraser Drive Suite 14 & 15, Burlington, Ontario Canada L7L4X8

Tel: 416 605 8925 www.techpowerdevelopmentsinc.com