

## PS-SB-60/90-Series 60/90 VAC Stand-By Power Supply



The PS-SB-60/90-Series from Toner is a true Uninterruptable Stand-By power supply for Cable TV and Telecommunications distribution systems. It provides clean, reliable regulated AC Power that is free from spikes, surges, brownouts or blackouts to ensure dependable service to your customers. The power supply is composed of two items; the Transformer and the Enclosure.



The transformer is a ferro-resonant constant voltage transformer which ensures a clean power output. With the Inverter module, the interface to the whole power system is accomplished through a color touchscreen display for setup, control and monitoring of the system. An optional status monitoring module is available with a DOCSIS Modem for remote monitoring.



The enclosure features welded aluminum construction with a durable powder coat finish for a reliable long life. The enclosure model PWE-3 features a lockable, removable front door and top lid that do not require tools. A rugged full extension locking battery drawer in the bottom of the enclosure provides easy access for battery installation. Other convenient features are: Generator cable access door, Service receptacle interface, with Circuit breaker, input and output cable glands, tamper switch on door, temperature probe and a door stay arm. The PWE-3 enclosure is easily Pole or wall mounted using the included heavy-duty brackets or can be ground mounted with the optional curb. The top features a tether cable to prevent dropping and damage when removed.



## PS-SB-60/90-Series 60/90 VAC Stand-By Power Supply

Model	PS-SB-60/90-15D	PS-SB-60/90-22D
Type	Ferro-Resonant	Ferro-Resonant
Application	Domestic (60 Hz)	Domestic (60 Hz)
<b>OUTPUT</b>		
Output (Switchable)	60/90 Volt	60/90 Volt
Voltage Regulation	± 5% (adjustable)	± 5% (adjustable)
Waveform	Quasi-square wave	Quasi-square wave
Frequency Stability	±0.05% (inverter) ±1% (line mode)	±0.05% (inverter) ±1% (line mode)
Short Circuit Protection	<150% of max current rating	<150% of max current rating
Efficiency	≤ 90% line mode ≤ 85% Inverter	≤ 90% line mode ≤ 85% Inverter
Transfer	Uninterruptible	Uninterruptible
Wattage	900	1350
Maximum Amps	15	22
Minimum Load	1 Amp	1 Amp
Frequency	60 Hz	60 Hz
<b>INPUT</b>		
Input	120 VAC	120 or 240 VAC
Nominal Voltage	-20% to +15%	-20% to +15%
Power Factor	>0.90 @ full load	>0.90 @ full load
Frequency	60 Hz	60 Hz
Input Circuit Breaker	20 Amp	20 Amp
<b>Physical Specifications</b>		
Size	15.75" W x 8.5" H x 12" D 400 W x 216 H x 305 D mm	15.75" W x 8.5" H x 12" D 400 W x 216 H x 305 D mm
Weight	70# (32 kg)	70# (32 kg)

Model	PWE-3
Type	3 Battery Housing
Material	Welded Aluminum NEMA
Finish	Powder Coat
Color	Champagne
Size	25" W x 23 1/4" H X 16" D 635 W x 570 H x 406 D mm
Weight	53# (24 kg)
Battery Tray	1 (One)
	21-1/8" W x 13-9/16" D 537 W x 345 D mm
Mounting	2 (two) Pole brackets, Ground curb (Optional)
Input	Hard wired service receptical
Output Connector	KS Port (5/8" - 24)
Generator Connection	Cable access door
Indicators	Green LED - Line Red LED - Inverter
Security	Tamper Switch On Door
Heat warning	Battery Temperature Probe
Cables Included	Battery to Inverter
Ventilation	Passive Through louvers

Options	
PWE-3CBK	Curb Mount
PWE-3CPK	Cooling Fan
PWE-3BCK	Battery Cable Kit

### Anticipated run time at different loads on the power supply

Three 95 AH Batteries	
Load	Time
6A	270 Minutes or 4.5 Hours
9A	180 Minutes or 3 Hours
12A	120 Minutes or 2 Hours
15A	90 Minutes or 1.5 Hours

Three 105 AH Batteries	
Load	Time
6A	300 Minutes or 5 Hours
9A	220 Minutes or 3.6 Hours
12A	145 Minutes or 2.4 Hours
15A	100 Minutes or 1.6 Hours