

PSP 3000 Series

STANDBY POWER SUPPLY



Standard Features

- Totally modular construction, easy to install, test and maintain.
- Constant voltage ferroresonant transformer design provides regulated, conditioned power.
- Quasi-square wave output in ferroresonant mode and square wave output in standby mode for farther distance of transmission.
- 90% High efficiency at full load, long life and less fault.
- Input surge protection.
- Automatic switch over when either module is unplugged and no loss of power when either module is removed.
- Output short circuit protected to withstand the short in long time and automatic restart upon short is removed.
- Current limited output and overload protection.
- Auxiliary AC convenience outlet.
- Positive disconnect when generator input.
- Cooling fan operates in standby mode only.
- Circuit breaker.
- Thermostatically controlled battery charging.
- Three status indicators on bottom of housing.
- Lightweight all-aluminum housing for noise reduction.
- All external fasteners stainless steel, durable and weatherproof housing design idea for use in the harshest of environments.
- Security lock and auxiliary mounting bracket.
- Available in various input/output voltage and frequencies for international applications.

Ordering

PSP32					3200 Series Standby Power Supply, 2 Batteries Type
PSP33					3300 Series Standby Power Supply, 3 Batteries Type
	06				Output Current 6 Amps.
	09				Output Current 9 Amps.
	12				Output Current 12 Amps.
	15				Output Current 15 Amps.
			S		Input 230VAC/50Hz, Output 48 VAC
			D		Input 220VAC/50Hz, Output 42 VAC
				B	Batteries Included
				N	Batteries Excluded
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Specifications

Model Number	PSP3315	PSP3215
AC Input Voltage	220 or 230 VAC +/- 15% RMS Sine Wave	
AC Line Frequency	50 Hz (Nominal)	
AC Input Power	1000 VA	
Output Voltage	42 or 48 VAC RMS (Nominal)	
Output Current	15 Amps RMS	
Output Power	900 VA	
Transformer Type	Constant Voltage Ferroresonant	
Output Regulation	+/- 2%	
Ferro. Wave Form	Quasi-Square Wave	
AC Efficiency	87 - 92 % (Maximum)	
DC Input Voltage	DC 36V	DC 24V
Inverter Wave Form	Square Wave	
Load Regulation	+/- 5%	
DC Efficiency	87 - 92 % (Maximum)	
Transfer Time	8 Milliseconds (Typical)	
Time Delay Relay	8 Seconds (Nominal)	
Battery Type	3 Pieces of 12V/100AH	2 Pieces of 12V/100AH
Standby Time	3 Hours (Typical)	2 Hours (Typical)
Recharge Time	16 - 20 Hours (Typical)	
Status Indicators	Line (Orange) Ferro. (Green) Standby (Red)	
Mounting Style	Pole or Wall Mount	
Temperature Range	-40°C ≈ 60°C	
Relative Humidity	0 ≈ 95 % (Non - Condensing)	
Net Weight	37.20 Kgs.	34.13 Kgs.
Dimensions	590(W)×420(D)×450(H) mm	420(W)×420(D)×450(H) mm

Also available in output current 6, 9 and 12 Amps. models.

Specifications subject to change without notice.



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