

13.8V, 27.6V Output

PJU

Features

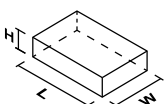
- Zero switch over time from loss of AC to battery operation
- Protection against reverse polarity battery connection
- Built-in diagnostic monitoring for AC OK and Battery Low status
- Overvoltage / Overcurrent / Over Temperature / Short Circuit Protections
- Built-in over current and short circuit protection in Buffering (battery discharging) mode operation
- Certified according to IEC/EN/UL 62368-1



Specifications

OUTPUT		PJU-13V60W□□□	PJU-13V60W□□□	PJU-27V60W□□□	PJU-27V60W□□□
Output Voltage		V1: 13.8V, B+: 13.6V	V1: 13.8V, B+: 13.6V	V1: 27.6V, B+: 27.4V	V1: 27.6V, B+: 27.4V
Output Voltage Range		V1: 13.52-14.07V	V1: 13.52-14.07V	V1: 27.04-28.00V	V1: 27.04-28.00V
Output Current		V1: 3.9A, B+: 0.4A	V1: 3.9A, B+: 0.4A	V1: 1.75A, B+: 0.4A	V1: 1.75A, B+: 0.4A
Output Power		60W	60W	60W	60W
PARD (20MHz)		< 100mVpp			
Hold-up Time (100% Load)	115Vac	> 10ms	> 10ms	> 10ms	> 10ms
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	< 1.2A	< 1.2A	< 1.2A	< 1.2A
	230Vac	< 0.8A	< 0.8A	< 0.8A	< 0.8A
Efficiency ¹⁾ at 100% Load	115Vac	> 85.0%	> 85.0%	> 88.0%	> 88.0%
	230Vac	> 86.0%	> 86.0%	> 89.0%	> 89.0%
Max Inrush Current (Cold Start)	115Vac	< 60A	< 60A	< 60A	< 60A
	230Vac	< 60A	< 60A	< 60A	< 60A
Power Factor		Conform to EN 61000-3-2			
Leakage Current	240Vac	< 1mA	< 1mA	< 1mA	< 1mA
MECHANICAL					
Case Cover / Chassis		SECC Steel			
Dimensions ²⁾ (L × W × H)	mm	101.6 × 50.8 × 30.6	101.6 × 50.8 × 30.6	101.6 × 50.8 × 30.6	101.6 × 50.8 × 30.6
	inch	4.00 × 2.00 × 1.20	4.00 × 2.00 × 1.20	4.00 × 2.00 × 1.20	4.00 × 2.00 × 1.20
Unit Weight ²⁾	kg	0.12	0.12	0.12	0.12
	lb	0.26	0.26	0.26	0.26
Cooling System		Convection			
MTBF ³⁾		> 350,000 hrs	> 350,000 hrs	> 350,000 hrs	> 350,000 hrs
ENVIRONMENT					
Operating Temperature ⁴⁾		-20°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		5 to 95% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)			

Dimensions Reference



Notes

- 1) At 25°C ambient temperature.
- 2) Open frame (without chassis and cover).
- 3) MTBF as per Telcordia SR-332 (I/P: 115Vac & 230Vac, O/P: 100% load).
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.