

PJB

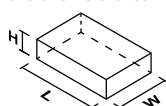
Features

- Power Boost of 200% for 10 seconds
- High PF > 0.97
- Low Inrush Current / Low Leakage Current
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Conformal coating on PCBAs to protect against common dust and chemical pollutants
- Versatile configuration options: Open Frame, L Frame, Enclosed
- Remote ON/OFF option for selected models
- Certified according to IEC/EN/UL 62368-1
- Design compliant with Japan PSE (DENAN) for 150W-300W

Specifications

OUTPUT		PJB-24V100W□□□A	PJB-24V150W□□□A	PJB-24V240W□□□□	PJB-24V300W□□□□
Output Voltage		24V	24V	24V	24V
Output Voltage Range		21.6-26.4V	21.6-26.4V	21.6-26.4V	21.6-26.4V
Output Current		4.3A (8.6A for 10s)	6.3A (12.6A for 10s)	10.0A (20.0A for 10s)	12.5A (22.5A for 10s)
Output Power		103.2W (206.4W for 10s)	151.2W (302.4W for 10s)	240W (480W for 10s)	300W (600W for 10s)
PARD (20MHz)		< 150mVpp			
Hold-up Time	100Vac	20ms typ.	20ms typ.	20ms typ.	20ms typ.
INPUT					
Phase Input		Single Phase			
Input Voltage Range		85-264Vac			
Input Frequency		47-63Hz			
Input Current	100Vac	1.30A typ.	1.90A typ.	2.80A typ.	4.10A typ.
	200Vac	0.65A typ.	0.95A typ.	1.50A typ.	2.00A typ.
Efficiency ¹⁾ at 100% Load	100Vac	86.5% typ.	88.0% typ.	91.0% typ.	91.0% typ.
	200Vac	89.0% typ.	90.5% typ.	92.5% typ.	93.5% typ.
Max Inrush Current (Cold Start)	100Vac	15A typ.	15A typ.	15A typ.	15A typ.
	200Vac	30A typ.	30A typ.	30A typ.	30A typ.
Power Factor	100Vac	0.98 typ.	0.98 typ.	0.98 typ.	0.99 typ.
	200Vac	0.97 typ.	0.95 typ.	0.97 typ.	0.95 typ.
Leakage Current	100Vac	< 0.2mA	< 0.2mA	< 0.2mA	< 0.2mA
	240Vac	< 0.4mA	< 0.4mA	< 0.4mA	< 0.4mA
MECHANICAL					
Case Cover / Chassis		SGCC			
Dimensions ²⁾ (L × W × H)	mm	155 × 62 × 33.5	160 × 75 × 37	180 × 84 × 42	222 × 95 × 53.6
	inch	6.10 × 2.44 × 1.32	6.30 × 2.95 × 1.46	7.09 × 3.31 × 1.65	8.74 × 3.74 × 2.11
Unit Weight ²⁾	kg	0.26	0.31	0.44	0.64
	lb	0.57	0.68	0.97	1.41
Cooling System		Convection			
MTBF ³⁾		> 200,000 hrs	> 200,000 hrs	> 200,000 hrs	> 200,000 hrs
ENVIRONMENT					
Operating Temperature ⁴⁾		-10°C to +70°C			
Storage Temperature		-25°C to +75°C			
Operating Humidity		5 to 95% RH (Non-Condensing)			
Operating Altitude		0 to 5,000 m (0 to 16,400 ft)		ITE Application: 0 to 5,000 m (0 to 16,400 ft) PSE Class 1: 0 to 2,000 m (0 to 6,560 ft)	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 JEITA RCR-9102B.
- 4) Refer power de-rating in the product datasheet.
- 5) All parameters are specified at 25°C ambient temperature unless otherwise indicated.