

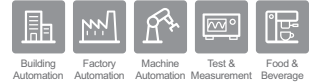
INDUSTRIAL POWER SUPPLIES

| Open Frame Power Supply



AR

PJT

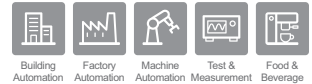


- Standard industrial footprint
- Low Leakage Current
- Convection cooled operating temperature range from -10°C to +70°C
- Multiple connector sources options (JWT, JST, Molex)



AR

PJ



- Low Inrush Current / Low Leakage Current
- 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
- Long life capacitors



AR

PJB



- Power Boost of 200% for 10 seconds
- Low Inrush Current / Low Leakage Current
- 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



AR

PJH



- Household appliance approval to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- Available for Class I or Class II (double isolation) configuration with universal AC input voltage range
- Built-in active PFC, remote On/Off, remote sense, power good signal
- Cold start at -40°C



AR

PJU



- 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

INDUSTRIAL POWER SUPPLIES

| Open Frame Power Supply



AR

PJL



- Standard industrial footprint of 3" x 5"
- Low inrush current < 20A and up to 90.0% efficiency
- Low earth leakage current < 500 μ A
- Extreme low temperature operation at -40°C
- Lighting approval to UL 8750, IEC 61347-2-13 and other approvals to IEC/EN/UL 60950-1, IEC/EN/UL 62368-1



AR

MEP



- Safety approvals to medical and IT applications
- Compliant with IEC 60601-1-2 Ed. 4 requirements
- Low touch current (< 70 μ A Normal & < 210 μ A Single Fault)
- 2 x MOPP isolation

PAGE 103



AR

MEU

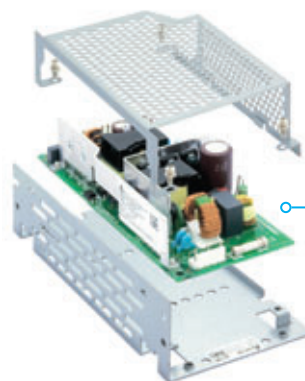


- 2 x MOPP isolation
- 5V/1A standby output and 12V/0.6A fan output
- Compliant with IEC 60601-1-2 Ed. 4 requirements

PAGE 104

Configuration Options

For the PJ series, PJB series and PJU series, metal chassis and case cover are available as options for different installation preferences.



Enclosed

Open Frame

L Frame

PJT

Features

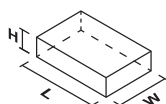
- Universal AC input voltage range
- Small standard footprint
- Low Leakage Current < 0.1mA
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs. as per Telcordia SR-332
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections



Specifications

OUTPUT		PJT-12V40WBA□	PJT-12V65WBA□	PJT-12V100WBA□	PJT-12V100WBB□
Output Voltage		12V	12V	12V	12V
Output Current		3.33A	5.0A	8.33A	6.67A (Convection) 8.33A (Forced Air)
Output Power		40W	60W	100W	80W (Convection) 100W (Forced Air)
PARD (20MHz)		< 120mVpp			
Hold-up Time	115Vac	18ms typ.	16ms typ.	20ms typ.	10ms typ.
	230Vac	90ms typ.	80ms typ.		
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.85A typ.	1.50A typ.	1.50A typ.	2.50A typ.
Efficiency ¹⁾ at 100% Load	115Vac	85.0% typ.	86.0% typ.	86.5% typ.	86.0% typ.
	230Vac	86.0% typ.	86.5% typ.		88.0% typ.
Max Inrush Current (Cold Start)	115Vac	30A typ.	30A typ.	30A typ.	30A typ.
	230Vac	60A typ.	60A typ.	60A typ.	60A typ.
Power Factor		Conform to EN 61000-3-2			
Leakage Current	240Vac	< 0.1mA	< 0.1mA	< 0.1mA	< 0.1mA
MECHANICAL					
Case Cover / Chassis		-			
Dimensions (L × W × H)	mm	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8
	inch	3.00 × 2.00 × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25
Unit Weight	kg	0.08	0.13	0.21	0.15
	lb	0.18	0.29	0.46	0.33
Cooling System		Convection			
MTBF ²⁾		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ³⁾		-10°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		10 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) MTBF as per Telcordia SR-332 (I/P: 115Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PJT

Features

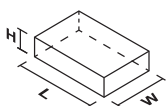
- Universal AC input voltage range
- Small standard footprint
- Low Leakage Current < 0.1mA
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs. as per Telcordia SR-332
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections



Specifications

OUTPUT		PJT-15V40WBA□	PJT-15V65WBA□	PJT-15V100WBA□	PJT-15V100WBB□
Output Voltage		15V	15V	15V	15V
Output Current		2.67A	4.2A	6.67A	5.33A (Convection) 6.67A (Forced Air)
Output Power		40W	63W	100W	80W (Convection) 100W (Forced Air)
PAR (20MHz)		< 150mVpp			
Hold-up Time	115Vac	18ms typ.	16ms typ.	20ms typ.	10ms typ.
	230Vac	90ms typ.	80ms typ.		
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.85A typ.	1.50A typ.	1.50A typ.	2.50A typ.
Efficiency ¹⁾ at 100% Load	115Vac	86.0% typ.	87.0% typ.	87.5% typ.	87.0% typ.
	230Vac	87.0% typ.	88.5% typ.		
Max Inrush Current (Cold Start)	115Vac	30A typ.	30A typ.	30A typ.	30A typ.
	230Vac	60A typ.	60A typ.		
Power Factor		Conform to EN 61000-3-2			
Leakage Current	240Vac	< 0.1mA			
MECHANICAL					
Case Cover / Chassis		-			
Dimensions (L × W × H)	mm	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8
	inch	3.00 × 2.00 × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25
Unit Weight	kg	0.08	0.13	0.21	0.15
	lb	0.18	0.29	0.46	0.33
Cooling System		Convection			Convection / Forced Air
MTBF ²⁾		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ³⁾		-10°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		10 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) MTBF as per Telcordia SR-332 (I/P: 115Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

PJT

Features

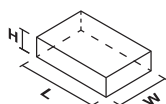
- Universal AC input voltage range
- Small standard footprint
- Low Leakage Current < 0.1mA
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- High MTBF > 700,000 hrs. as per Telcordia SR-332
- Short Circuit / Overvoltage / Overcurrent / Over Temperature Protections



Specifications

OUTPUT		PJT-18V40WBA□	PJT-18V65WBA□	PJT-18V100WBA□	PJT-18V100WBB□
Output Voltage		18V	18V	18V	18V
Output Current		2.22A	3.61A	5.55A	4.44A (Convection) 5.55A (Forced Air)
Output Power		40W	65W	100W	80W (Convection) 100W (Forced Air)
PARD (20MHz)		< 180mVpp			
Hold-up Time	115Vac	18ms typ.	16ms typ.	20ms typ.	10ms typ.
	230Vac	90ms typ.	80ms typ.		
INPUT					
Phase Input		Single Phase			
Input Voltage Range		90-264Vac			
Input Frequency		47-63Hz			
Input Current	115Vac	0.85A typ.	1.50A typ.	1.50A typ.	2.50A typ.
Efficiency ¹⁾ at 100% Load	115Vac	86.0% typ.	87.0% typ.	87.5% typ.	87.0% typ.
	230Vac		88.0% typ.		89.0% typ.
Max Inrush Current (Cold Start)	115Vac	30A typ.	30A typ.	30A typ.	30A typ.
	230Vac	60A typ.	60A typ.	60A typ.	60A typ.
Power Factor		Conform to EN 61000-3-2			
Leakage Current	240Vac	< 0.1mA			
MECHANICAL					
Case Cover / Chassis		-			
Dimensions (L × W × H)	mm	76.2 × 50.8 × 22.9	101.6 × 50.8 × 30	127 × 76.2 × 31	101.6 × 50.8 × 31.8
	inch	3.00" × 2.00" × 0.90	4.00 × 2.00 × 1.18	5.00 × 3.00 × 1.22	4.00 × 2.00 × 1.25
Unit Weight	kg	0.08	0.13	0.21	0.15
	lb	0.18	0.29	0.46	0.33
Cooling System		Convection			
MTBF ²⁾		> 700,000 hrs	> 700,000 hrs	> 700,000 hrs	> 700,000 hrs
ENVIRONMENT					
Operating Temperature ³⁾		-10°C to +70°C			
Storage Temperature		-40°C to +85°C			
Operating Humidity		10 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) MTBF as per Telcordia SR-332 (I/P: 115Vac, O/P: 100% load).
- 3) Refer power de-rating in the product datasheet.
- 4) All parameters are specified at 25°C ambient temperature unless otherwise indicated.

Per visualizzare il catalogo completo siete invitati ad [effettuare il login sul sito](#) oppure ad [effettuare la registrazione gratuita](#).