

Open Frame Power Supply

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| Product Introduction



PJ



- Low Inrush Current / Low Leakage Current
- Versatile configuration options: Open Frame, L Frame, Enclosed
- Remote ON/OFF option for selected models
- Long life capacitors
- Conformal coating on PCBAs to protect against common dust and chemical pollutants
- Certified according to IEC/EN/UL 62368-1



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
- Certified according to IEC/EN/UL 62368-1



PJH



- Household appliance approval to IEC/EN 60335-1, IEC/EN 61558-1 and IEC/EN 61558-2-16
- Built-in active PFC, remote ON/OFF, remote sense, power good signal
- Available for Class I or Class II (double isolation) configuration with universal AC input voltage range
- Cold start at -40°C
- Certified according to IEC/EN/UL 62368-1



PJJ



- Standard industrial footprint of 3" x 5"
- Low inrush current <20A and up to 90% efficiency
- Low earth leakage current <500µA
- Extreme low temperature operation at -40°C
- Lighting approval to UL 8750, IEC 61347-2-13 and other approval to IEC/EN/UL 60950-1, IEC/EN/UL 62368-1



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)
- Certified according to IEC/EN/UL 62368-1



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
- Certified according to IEC/EN/UL 62368-1

Open Frame Power Supply

Product list

Series	Model Name	Phase 1	PFC	Output Voltage	Convection		Forced Air		Input Voltage Range	Dimensions (L x W x H)	
					Current	Power	Current	Power		Open Frame	Enclosed
PJ	PJ-5V15W□NA	●		5V	3.0A	15W	-	-	85-264Vac	87.5 x 50 x 22 mm (3.44" x 1.97" x 0.87")	107.5 x 60 x 32 mm (4.23" x 2.36" x 1.26")
	PJ-12V15W□NA	●		12V	1.3A	15.6W	-	-	85-264Vac	87.5 x 50 x 22 mm (3.44" x 1.97" x 0.87")	107.5 x 60 x 32 mm (4.23" x 2.36" x 1.26")
	PJ-12V30W□NA	●			2.5A	30W	-	-		105 x 50 x 25.6 mm (4.13" x 1.97" x 1.01")	125 x 60 x 36 mm (4.92" x 2.36" x 1.42")
	PJ-12V50W□NA	●	●		4.3A	51.6W	-	-		132 x 50 x 26.6 mm (5.20" x 1.97" x 1.05")	162 x 60 x 36 mm (6.38" x 2.36" x 1.42")
	PJ-12V100W□□A	●	●		8.5A	102W	-	-		155 x 62 x 33.5 mm (6.10" x 2.44" x 1.32")	185 x 72 x 45 mm (7.28" x 2.83" x 1.77")
	PJ-12V150W□□A	●	●		12.5A	150W	-	-		160 x 75 x 37 mm (6.30" x 2.95" x 1.46")	188 x 85 x 47 mm (7.40" x 3.35" x 1.85")
	PJ-24V30W□NA	●		24V	1.25A	31.2W	-	-	85-264Vac	105 x 50 x 25.6 mm (4.13" x 1.97" x 1.01")	125 x 60 x 36 mm (4.92" x 2.36" x 1.42")
	PJ-24V50W□NA	●	●		2.1A	50.4W	-	-		132 x 50 x 26.6 mm (5.20" x 1.97" x 1.05")	162 x 60 x 36 mm (6.38" x 2.36" x 1.42")
	PJ-24V100W□□A	●	●		4.3A	103.2W	-	-		155 x 62 x 33.5 mm (6.10" x 2.44" x 1.32")	185 x 72 x 45 mm (7.28" x 2.83" x 1.77")
	PJ-24V150W□□A	●	●		6.3A	150W	-	-		160 x 75 x 37 mm (6.30" x 2.95" x 1.46")	188 x 85 x 47 mm (7.40" x 3.35" x 1.85")
PJ-48V50W□NA	●	●	48V	1.1A	52.8W	-	-	85-264Vac	132 x 50 x 26.6 mm (5.20" x 1.97" x 1.05")	162 x 60 x 36 mm (6.38" x 2.36" x 1.42")	
PJB	PJB-24V100W□□A	●	●	24V	4.3A	103.2W	-	-	85-264Vac	155 x 62 x 33.5 mm (6.10" x 2.44" x 1.32")	185 x 72 x 45 mm (7.28" x 2.83" x 1.77")
	PJB-24V150W□□A	●	●		6.3A	151.2W	-	-		160 x 75 x 37 mm (6.30" x 2.95" x 1.46")	188 x 85 x 47 mm (7.40" x 3.35" x 1.85")
	PJB-24V240W□□□	●	●		10.0A	240W	-	-		180 x 84 x 42 mm (7.09" x 3.31" x 1.65")	212 x 98 x 59 mm (8.35" x 3.86" x 2.32")
	PJB-24V300W□□□	●	●		12.5A	300W	-	-		222 x 95 x 53.6 mm (8.74" x 3.74" x 2.11")	252 x 108 x 66 mm (9.92" x 4.25" x 2.6")
PJH	PJH-24V300WBB□	●	●	V _i : 24V V _{SB} : 5V	V _i : 10.0A V _{SB} : 1.2A	240W	V _i : 12.5A V _{SB} : 1.2A	300W	90-264Vac	101.6 x 50.8 x 30.6 mm (4.00" x 2.00" x 1.20")	103.4 x 62 x 37 mm (4.07" x 2.44" x 1.46")
	PJH-24V300WBC□	●	●	V _i : 24V V _{SB} : 12V	V _i : 10.0A V _{SB} : 0.5A	240W	V _i : 12.5A V _{SB} : 0.5A	300W		101.6 x 50.8 x 30.6 mm (4.00" x 2.00" x 1.20")	103.4 x 62 x 37 mm (4.07" x 2.44" x 1.46")
	PJH-36V300WBB□	●	●	V _i : 36V V _{SB} : 5V	V _i : 6.66A V _{SB} : 1.2A	240W	V _i : 8.33A V _{SB} : 1.2A	300W		101.6 x 50.8 x 30.6 mm (4.00" x 2.00" x 1.20")	103.4 x 62 x 37 mm (4.07" x 2.44" x 1.46")
	PJH-36V300WBC□	●	●	V _i : 36V V _{SB} : 12V	V _i : 6.66A V _{SB} : 0.5A	240W	V _i : 8.33A V _{SB} : 0.5A	300W		101.6 x 50.8 x 30.6 mm (4.00" x 2.00" x 1.20")	103.4 x 62 x 37 mm (4.07" x 2.44" x 1.46")

Model Numbering

PJ Series

PJ –	XXV	XXXW	□	□	A
Open Frame	Output Voltage	Output Power	Product Type B - Open Frame L - L Frame C - Enclosed	Remote ON/OFF Function N - No Remote ON/OFF R - With Remote ON/OFF ¹⁾	Delta Standard

1) Options for 100W and above

PJB Series

PJ	B –	XXV	XXXW	□	□	□
Open Frame	Product Series B - Power Boost Series	Output Voltage	Output Power	Package Type B - Open Frame L - L Frame C - Enclosed Green mode ¹⁾ J - Open Frame H - L Frame G - Enclosed	Remote ON/OFF Function N - No Remote ON/OFF R - With Remote ON/OFF	Connector Type A - Harness J - IP20 connector ²⁾

1) For 150W only

2) For 240W and 300W only

PJH Series

PJ	H –	XXV	XXXW	B	□	□
Open Frame	Product Series H - Household Series	Output Voltage	Output Power	Package Type B - Open Frame ¹⁾	Voltage Standby B - 5V C - 12V	Connector Type A - JST connector B - Molex connector ¹⁾ C - JWT connector ¹⁾

1) Options

Series	Model Name	Phase 1	PFC	Output Voltage	Convection		Forced Air		Input Voltage Range	Dimensions (L x W x H)	
					Current	Power	Current	Power		Open Frame	Enclosed
PJL	PJL-48V200WBAA	●	●	48V	3.125A	150W	4.17A	200W	85-305Vac	127 x 76.2 x 34.6 mm (5.00" x 3.02" x 1.36")	-
	PJL-48V400WBAA	●	●		4.165A	200W	8.33A	400W		177.8 x 101.6 x 41 mm (7.00" x 4.00" x 1.61")	-
	PJL-48V600WLAA	●	●		6.25A	300W	12.5A	600W		-	-
PJT	PJT-12V40WBA□	●		12V	3.33A	40W	-	-	90-264Vac	76.2 x 50.8 x 22.9 mm (3.00" x 2.00" x 0.90")	-
	PJT-12V65WBA□	●			5.0A	60W	-	-		101.6 x 50.8 x 30 mm (4.00" x 2.00" x 1.18")	-
	PJT-12V100WBA□	●	●		8.33A	100W	-	-		127 x 76.2 x 31 mm (5.00" x 3.00" x 1.22")	-
	PJT-12V100WBB□	●			6.67A	80W	8.33A	100W		101.6 x 50.8 x 31.8 mm (4.00" x 2.00" x 1.25")	-
	PJT-15V40WBA□	●		15V	2.67A	40W	-	-	90-264Vac	76.2 x 50.8 x 22.9 mm (3.00" x 2.00" x 0.90")	-
	PJT-15V65WBA□	●			4.2A	63W	-	-		101.6 x 50.8 x 30 mm (4.00" x 2.00" x 1.18")	-
	PJT-15V100WBA□	●	●		6.67A	100W	-	-		127 x 76.2 x 31 mm (5.00" x 3.00" x 1.22")	-
	PJT-15V100WBB□	●			5.33A	80W	6.67A	100W		101.6 x 50.8 x 31.8 mm (4.00" x 2.00" x 1.25")	-
	PJT-18V40WBA□	●		18V	2.22A	40W	-	-	90-264Vac	76.2 x 50.8 x 22.9 mm (3.00" x 2.00" x 0.90")	-
	PJT-18V65WBA□	●			3.61A	65W	-	-		101.6 x 50.8 x 30 mm (4.00" x 2.00" x 1.18")	-
	PJT-18V100WBA□	●	●		5.55A	100W	-	-		127 x 76.2 x 31 mm (5.00" x 3.00" x 1.22")	-
	PJT-18V100WBB□	●			4.44A	80W	5.55A	100W		101.6 x 50.8 x 31.8 mm (4.00" x 2.00" x 1.25")	-
	PJT-24V40WBA□	●		24V	1.66A	40W	-	-	90-264Vac	76.2 x 50.8 x 22.9 mm (3.00" x 2.00" x 0.90")	-
	PJT-24V65WBA□	●			2.71A	65W	-	-		101.6 x 50.8 x 30 mm (4.00" x 2.00" x 1.18")	-
	PJT-24V100WBA□	●	●		4.17A	100W	-	-		127 x 76.2 x 31 mm (5.00" x 3.00" x 1.22")	-
	PJT-24V100WBB□	●			3.33A	80W	4.17A	100W		101.6 x 50.8 x 31.8 mm (4.00" x 2.00" x 1.25")	-
PJT-27V150WBNA	●	●	V _I : 27V V _{SB} : 12V	V _I : 5.55A V _{SB} : 0.5A	150W	-	-	85-264Vac	127 x 76.2 x 36.5 mm (5.00" x 3.00" x 1.44")	-	
PJU	PJU-13V60W□A□	●		V _I : 13.8V B+: 13.6V	V _I : 3.9A B+: 0.4A	60W	-	-	90-264Vac	127 x 76.2 x 31.7 mm (5.00" x 3.00" x 1.25")	-
	PJU-13V60W□B□	●									
	PJU-27V60W□A□	●	●	V _I : 27.6V B+: 27.4V	V _I : 1.75A B+: 0.4A	60W	-	-	90-264Vac	127 x 76.2 x 31.7 mm (5.00" x 3.00" x 1.25")	-
	PJU-27V60W□B□	●	●								

Model Numbering

PJL Series

PJ	L –	XXV	XXXW	□	A	A
Open Frame	Product Series L - Lighting Application Series	Output Voltage	Output Power	Package Type B - Open Frame L - L Frame	Active PFC	A - TE connector

PJT Series

PJ	T –	XXV	XXXW	B	□	□
Open Frame	Product Series T - ITE Application Series	Output Voltage	Output Power	Package Type B - Open Frame	Family Code A - Family A B - Family B N - No Remote ON/OFF	Connector Type A - JST connector B - Molex connector ¹⁾ C - JWT connector ¹⁾

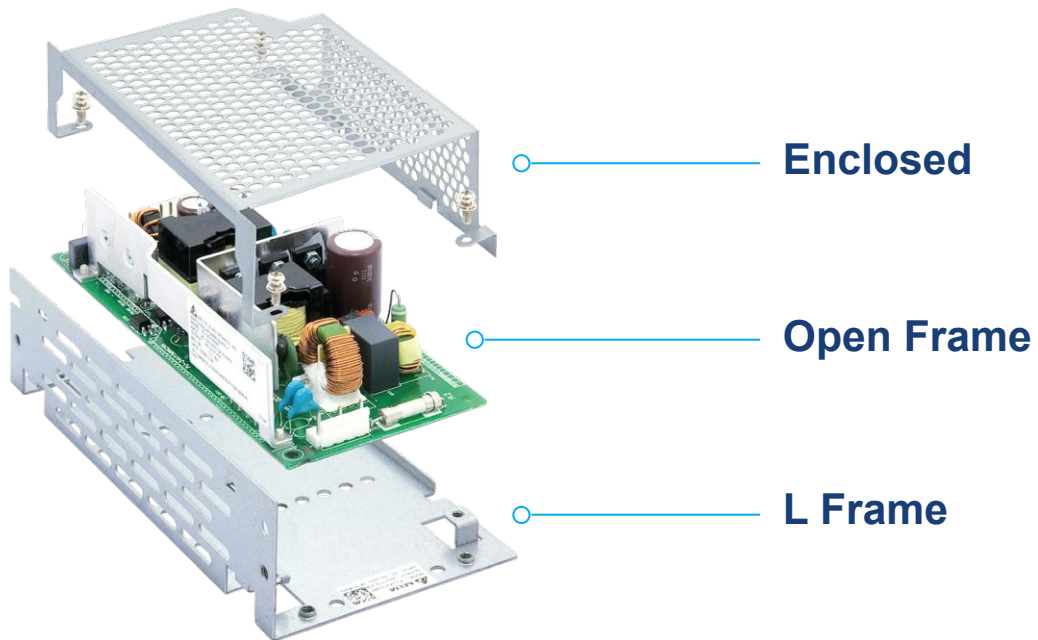
1) Options

PJU Series

PJ	U –	XXV	XXXW	□	□	□
Open Frame	Product Series U - With DC-UPS Function	Output Voltage	Output Power	Package Type C - Enclosed L - L Frame ¹⁾ B - Open Frame ¹⁾	Signal A - Without Signal B - With Signal	Connector Type A - Terminal block B - JST connector ¹⁾ C - Molex connector ¹⁾

1) Options

| Configuration Options



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



To learn more about Open frame power supply, please visit www.DeltaPSU.com for latest product updates.

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