PCV60/100/150W Series 60W-150W Constant Voltage Power Supplies





Features

- Captive terminal screws for ease
- Snap lock cable strain relief
- LED Indicator for power on
- Low Inrush current
- Over load, short circuit and thermal protection
- Class II product
- Safe no load operation
- Suitable for indoor lighting applications
- Superior latch off protection
- Energy Efficient and Energy compliant
- Industry leading power factor levels



Specification

Voltage	100V ~ 240VAC					
Inrush Current	≤20A/230VAC, at cold start, maximum load.					
Frequency	y 47 ~ 63 Hz					
Power Factor	>0.95/90% load, 230VAC >0.91/50% load, 230VAC					
Base Model No.	PCV1260-REVC	PCV2460-REVC	PCV12100-REVC	PCV24100-REVC	PCV12150-REVC	PCV24150-REVC
Voltage	12V	24V	12V	24V	12V	24V
Current	5A	2.5A	8.33A	4.16A	12.5A	6.25A
Power	60W	60W	100W	100W	150W	150W
R&N	240mV	600mV	240mV	360mV	240mV	360mV
Line Regulation	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
Load Regulation	±5% excursion from 50%~100% load and back to 50% load change of DC output at any frequency up to 1KHz (duty 50%)					
Efficiency (TYP.)	fficiency (TYP.) >84% @ 90% load & 230VAC					
Over Voltage	175%, output will shut down and latch off. Turn unit off/on to restart					
Over Current	110~150%, output will shut down and latch off. Turn unit off/on to restart					
Short Circuit	Should a short circuit occur the output will shut down and latch off. Turn unit off and on to restart					
Over Temperature	Thermal, output will shut down and latch off. Turn unit off and on to restart					
Temperature	Operating: 0~+40°C; Storage: -20~+85°C					
Safety Standard	EN61347-2-13, EN61347-1, IEC61347-1, IEC61347-2-13 Approved					
EMI Standard	Meets Emissions to EN55015, EN61547, EN61000-3-2, EN61000-3-3					
Lifetime	30K hrs full load 25°C					
Case	8030A 8918JP					
	Voltage Inrush Current Frequency Power Factor Base Model No. Voltage Current Power R&N Line Regulation Load Regulation Efficiency (TYP.) Over Voltage Over Current Short Circuit Over Temperature Temperature Safety Standard EMI Standard Lifetime	Voltage 100V ~ 240VAC Inrush Current ≤20A/230VAC, a Frequency 47 ~ 63 Hz Power Factor >0.95/90% load Base Model No. PCV1260-REVC Voltage 12V Current 5A Power 60W R&N 240mV Line Regulation ±1.0% Load Regulation ±5% excursion fr Efficiency (TYP.) >84% @ 90% load Over Voltage 175%, output wi Over Current 110~150%, outp Short Circuit Should a short circuit Over Temperature Thermal, output Temperature Operating: 0~+4€ Safety Standard EN61347-2-13, EN EMI Standard Meets Emissions Lifetime 30K hrs full load	Voltage 100V ~ 240VAC Inrush Current ≤20A/230VAC, at cold start, maxim Frequency 47 ~ 63 Hz Power Factor >0.95/90% load, 230VAC >0.91/5 Base Model No. PCV1260-REVC PCV2460-REVC Voltage 12V 24V Current 5A 2.5A Power 60W 60W R&N 240mV 600mV Line Regulation ±1.0% ±1.0% Load Regulation ±5% excursion from 50%~100% load Efficiency (TYP.) >84% @ 90% load & 230VAC Over Voltage 175%, output will shut down and la Over Current 110~150%, output will shut down and la Short Circuit Should a short circuit occur the outp Over Temperature Thermal, output will shut down and la Temperature Operating: 0~+40°C; Storage: -20~+ Safety Standard EN61347-2-13, EN61347-1, IEC61347 EMI Standard Meets Emissions to EN55015, EN615 Lifetime 30K hrs full load 25°C	Voltage 100V ~ 240VAC Inrush Current ≤20A/230VAC, at cold start, maximum load. Frequency 47 ~ 63 Hz Power Factor >0.95/90% load, 230VAC >0.91/50% load, 230VAC Base Model No. PCV1260-REVC PCV2460-REVC PV2100-REVC Voltage 12V 24V 12V Current 5A 2.5A 8.33A Power 60W 60W 100W R&N 240mV 600mV 240mV Line Regulation ±1.0% ±1.0% ±1.0% Load Regulation ±5% excursion from 50%-100% load and back to 50% load Efficiency (TYP.) >84% @ 90% load & 230VAC Over Voltage 175%, output will shut down and latch off. Turn unit off/ Over Current 110~150%, output will shut down and latch off. Turn unit off/ Over Temperature Thermal, output will shut down and latch off. Turn unit off/ Thermal, output will shut down and latch off. Turn unit off/ Temperature Operating: 0~+40°C; Storage: -20~+85°C Safety Standard EN61347-2-13, EN61347-1, IEC61347-1, IEC61347-2-13 App EMI Standard Meets Emissions to EN55015, EN61547, EN61000-3-2, EN Lifetime 30K hrs full load 25°C </th <th>Voltage100V ~ 240VACInrush Current≤20A/230VAC, at cold start, maximum load.Frequency47 ~ 63 HzPower Factor>0.95/90% load, 230VAC>0.91/50% load, 230VACBase Model No.PCV1260-REVCPCV2460-REVCPCV12100-REVCPCV24100-REVCVoltage12V24V12V24VCurrent5A2.5A8.33A4.16APower60W60W100W100WR&N240mV600mV240mV360mVLine Regulation±1.0%±1.0%±1.0%±1.0%Load Regulation±5% excursion from 50%~100% load and back to 50% load change of DC outsEfficiency (TYP.)>84% @ 90% load & 230VACOver Voltage175%, output will shut down and latch off. Turn unit off/on to restartOver Current110~150%, output will shut down and latch off. Turn unit off/on to restartShort CircuitShould a short circuit occur the output will shut down and latch off. Turn unit off and on to restartTemperatureThermal, output will shut down and latch off. Turn unit off and on to restartTemperatureOperating: 0~+40°C; Storage: -20~+85°CSafety StandardEN61347-2-13, EN61347-1, IEC61347-1, IEC61347-2-13 ApprovedEMI StandardMeets Emissions to EN55015, EN61547, EN61000-3-2, EN61000-3-3Lifetime30K hrs full load 25°C</th> <th>Voltage 100V ~ 240VAC Inrush Current ≤20A/230VAC, at cold start, maximum load. Frequency 47 ~ 63 Hz Power Factor >0.95/90% load, 230VAC >0.91/50% load, 230VAC Base Model No. PCV1260-REVC PCV2460-REVC PCV21100-REVC PCV24100-REVC PCV12150-REVC Voltage 12V 24V 12V 24V 12V Current 5A 2.5A 8.33A 4.16A 12.5A Power 60W 60W 100W 100W 150W R&N 240mV 600mV 240mV 360mV 240mV Line Regulation ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±0 ±1.0% ±1.</th>	Voltage100V ~ 240VACInrush Current≤20A/230VAC, at cold start, maximum load.Frequency47 ~ 63 HzPower Factor>0.95/90% load, 230VAC>0.91/50% load, 230VACBase Model No.PCV1260-REVCPCV2460-REVCPCV12100-REVCPCV24100-REVCVoltage12V24V12V24VCurrent5A2.5A8.33A4.16APower60W60W100W100WR&N240mV600mV240mV360mVLine Regulation±1.0%±1.0%±1.0%±1.0%Load Regulation±5% excursion from 50%~100% load and back to 50% load change of DC outsEfficiency (TYP.)>84% @ 90% load & 230VACOver Voltage175%, output will shut down and latch off. Turn unit off/on to restartOver Current110~150%, output will shut down and latch off. Turn unit off/on to restartShort CircuitShould a short circuit occur the output will shut down and latch off. Turn unit off and on to restartTemperatureThermal, output will shut down and latch off. Turn unit off and on to restartTemperatureOperating: 0~+40°C; Storage: -20~+85°CSafety StandardEN61347-2-13, EN61347-1, IEC61347-1, IEC61347-2-13 ApprovedEMI StandardMeets Emissions to EN55015, EN61547, EN61000-3-2, EN61000-3-3Lifetime30K hrs full load 25°C	Voltage 100V ~ 240VAC Inrush Current ≤20A/230VAC, at cold start, maximum load. Frequency 47 ~ 63 Hz Power Factor >0.95/90% load, 230VAC >0.91/50% load, 230VAC Base Model No. PCV1260-REVC PCV2460-REVC PCV21100-REVC PCV24100-REVC PCV12150-REVC Voltage 12V 24V 12V 24V 12V Current 5A 2.5A 8.33A 4.16A 12.5A Power 60W 60W 100W 100W 150W R&N 240mV 600mV 240mV 360mV 240mV Line Regulation ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±1.0% ±0 ±1.0% ±1.

PCV60/100/150W Series 60W-150W Constant Voltage Power Supplies





