

- Lightweight and Compact in Size
- Power Factor Correction (EN61000-3-2)
- NEC Class 2 Rated
- Approved for Class 1, Div. 2 Hazardous Locations
- Fused Input
- DIN rail or Panel Surface Mount
- Approvals for Any Installation Anywhere



Every application needs a reliable power source and ioSelect provides it with the PowerPak™ series of DC supplies. The PowerPak™ DIN rail mounted power supply products provide industry leading performance. With features such as sag immunity, transient suppression and noise tolerance, the PowerPak™ series ensures compatibility in demanding applications. Power factor correction to meet CE Mark, allows the units to be used in a wide variety of applications. A generous operating temperature range, high tolerance to shock and vibration and compact design make the PowerPak™ series the definition of DC power supply quality.

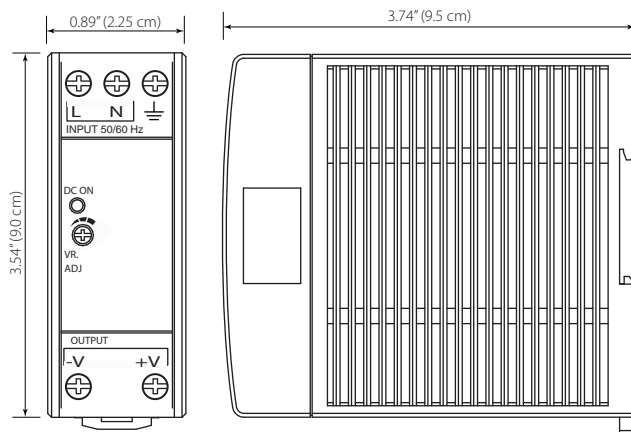
Input, Output, Control, Protection

Current	2.5A
Efficiency	83%
Voltage	Input: 85 to 264 Vac, 100 to 370 V dc
	Output: 24 V DC
Voltage Adjustment	± 10% (control on front)
Line Regulation	0.4% Maximum
Load Regulation	1.5% Maximum
Ripple and Noise	2% Peak to Peak Maximum
Temp Coefficient	+/- 0.05% / °C
Inrush Current	50 A max(@ 200 V AC)
DC ON Indicator	Green LED
Over Current Protect	105%, auto reset
Over Volt Protect	120% min, Shutdown
Input Fuse	3.15 A

General Specifications

Isolation (Input / Output)	3000 V AC (1 minute)
Storage Temperature	-13 to +167 °F (-25 to 75 °C)
Operating Temperature	14 to 149°F (-10 to 65°C)
Dimensions (W x H x D)	0.89" x 3.54" x 3.74" 2.25 x 9.0 x 9.5 cm
Weight	0.63 lbs. (285g)
Mounting	DIN Rail
Approvals:	

CE Marked, TÜV,
c-UL, UL 508, UL 1310 (PS5R-SB, -SC, -SD)
UL 1604 (Hazardous Locations)
EN 50178:1997, LVD: EN60950:2000, EMC: Directive,
EN61204-3:2000 (EMI: Class B, EMS: Industrial)



Markings	Name	Description
VR. ADJ	Voltage adjustment	Adjusts within ± 10%; turn clockwise to increase output voltage
DC ON	Operation Indicator	Green LED is lit when output voltage is on
+V, -V	DC output terminals	+V: Positive output terminal -V: Negative output terminal
⊕	Frame ground	Ground this terminal to reduce high frequency noise caused by switching power supply
L, N	Input terminals	AC terminals, no polarity if DC is used

Ordering Information: IOS-PP-825

PowerPak - Power Supply, 60 Watt, 24 VDC, 2.5 A, Class 1, Div 2