

DPO060 SERIES:



60 Watt / Single Output

- 3.00 x 2.00 x 1.24" Open Frame Package

Features:

- ITE Safety Approvals
- <0.3W No Load Input Power (ErP Ready)
- Convection Cooled Operation
- 500 Watt with 30CFM FAN
- Ultra-Compact Open Frame Footprint
- High Efficiency of 81-88%
- 3-Year Product Warranty

INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	70A @ 230 VAC Cold Start (max)
Input Current	2A maximum at 115VAC
Input Protection	Single Fuse
Hold-Up Time	10ms Minimum
Leakage Current	<750µA (Class I) / 250µA (Class II)
Harmonics	EN61000-3-2 Class A Compliant

GENERAL:

Efficiency	81 - 88% depending on model
Operating Temperature	-30 to +70°C, derate 2.5% / °C above 50°C
Storage Temperature	-50°C to +85°C
Cooling	Convection Cooled
Operating Humidity	5-95% RH, Non-Condensing
Vibration	10~500Hz, 2G 10min./1 cycle, 60min. each along X, Y, Z axes.
MTBF	>130k Hrs (according to MIL-HBK-217F) at 25°C

OUTPUT:

Minimum Load	n/a
Output Adjustment	Fixed at Factory
Line Regulation	±1% typ.
Load Regulation	±1% typ.
Ripple & Noise	0.2% +40mV typ. pk-pk @ 20MHz
Overload Protection	Auto-Recovery
Over Voltage	Zener Diode
Short Circuit Protection	Auto-Recovery

APPROVALS:

Emissions	EN55022 "B", FCC Part 15 Subject J Class B
Safety Approvals	UL/CUL 60950-1 CE Mark (LVD)

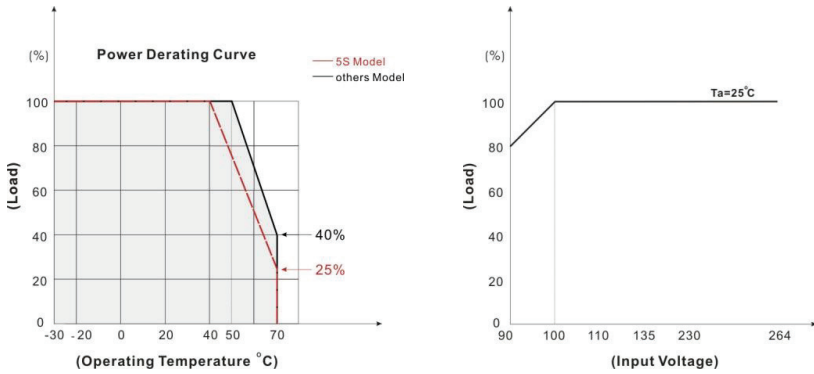


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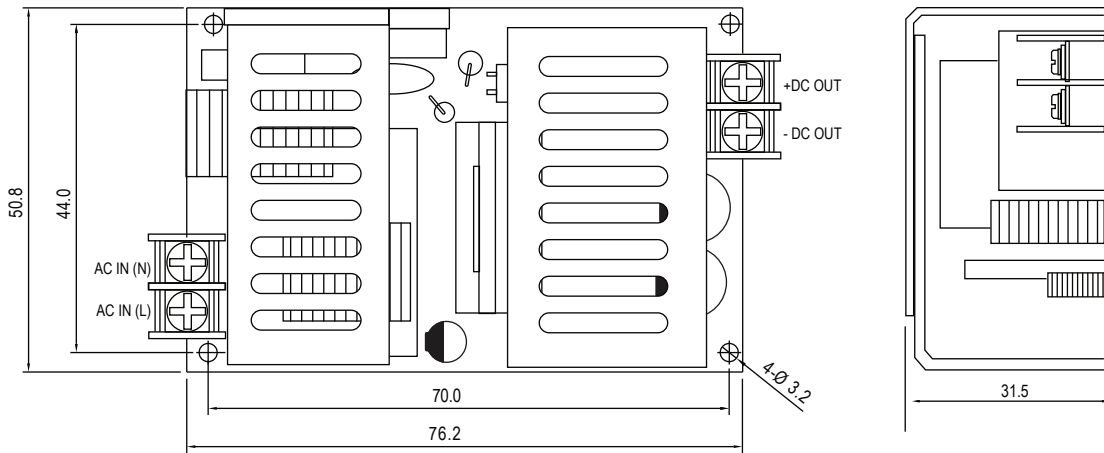
Output Specifications:

Model:	V1	CONVECTION RATING	EFFICIENCY
DPO060-5S	5V	9.00A	81%
DPO060-12S	12V	5.00A	87%
DPO060-15S	15V	4.00A	87%
DPO060-24S	24V	2.50A	88%
DPO060-48S	48V	1.25A	88%

DERATING CURVES:



MECHANICAL DRAWING:



WEIGHT: 150G