

DPF600 SERIES:



600 Watt / Single Output

9.00 x 5 x 1.73" Enclosed with Fan Package

Features:

- ITE Safety Approvals
- Universal AC Input Range (90-264 VAC) with PFC
- Remote On/Off Control, Remote Sense, Power Good and Current Share Functions
- Short / Overload / Overvoltage / OverTemp Protection
- Built-In Ball Bearing Fan
- 5V Aux @ 600mA Fan Power
- High Efficiency of 90 - 93%
- 3-Year Product Warranty

INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	30A @ 230 VAC Cold Start (max)
Input Current	8A maximum at 115VAC
Input Protection	Single Fuse
Hold-Up Time	12ms Minimum
Leakage Current	<3500µA (Class I) / 250µA (Class II)
Harmonics	EN61000-3-2 Class A Compliant (PF > 0.95)

GENERAL:

Efficiency	90 -93%
Operating Temperature	-25 to +70°C, derate 2.5% / °C above 50°C
Storage Temperature	-25°C to +85°C
Cooling	Internal Ball Bearing Fan
Operating Humidity	5-95% RH, Non-Condensing
Vibration	10~500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes.
MTBF	>100k Hrs (according to MIL-HBK-217F) at 25°C

OUTPUT:

Minimum Load	±1% to maintain regulation
Output Adjustment	±5% (minimum)
Line Regulation	±1% max
Load Regulation	±1% typ.
Ripple & Noise	1% typ. pk-pk @ 20MHz
Overload Protection	Auto-Recovery
Over Voltage	Auto-Recovery
Short Circuit Protection	Auto-Recovery

STATUS / CONTROL

Fan Power	5vsb @ 600mA
Remote Sense	250mV Compensation
Remote On/Off	Included
Power Good	Included
Current Share	within 10% accuracy

APPROVALS:

Emissions EN55022 "B", FCC Part 15 Subject J Class B

Safety Approvals UL/cUL 60950-1
CE Mark (LVD)

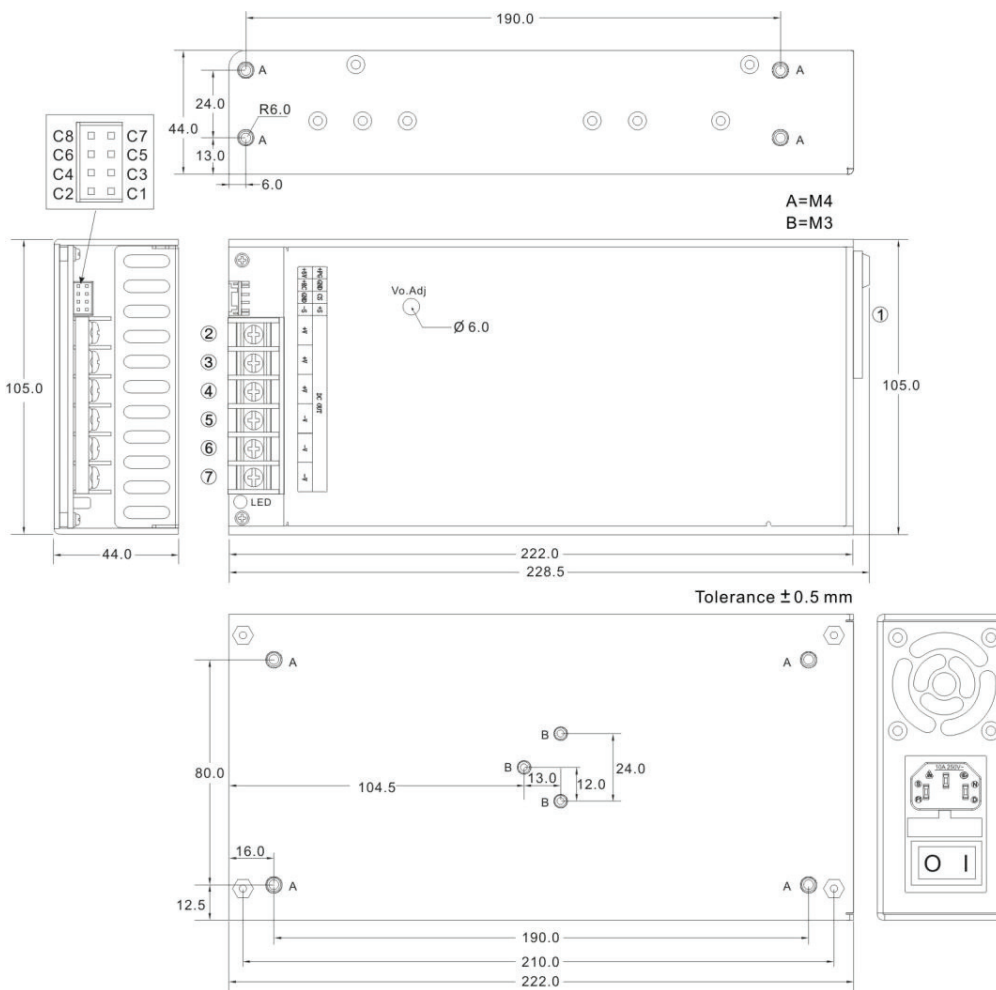


DPF600 SERIES:

Output Specifications:

Model:	V1	OUTPUT CURRENT	EFFICIENCY
DPF600-12S	12V	45 A	90%
DPF600-24S	24V	25 A	92%
DPF600-48S	48V	12.5 A	92%
DPF600-54S	54V	11.1	93%

MECHANICAL DRAWING: WEIGHT 1024g



PIN#	Single
1	AC IN

DC Output Terminal Pin	
PIN#	Single
2~4	+DC OUT
5~7	-DC OUT

Connector Pin (CN4)	
PIN#	Single
C1	+S
C2	-S
C3	CS
C4	GND
C5	GND
C6	+RC
C7	+PG
C8	+5V-AUX