

## DPE-200 SERIES:



### 200 Watt / Single Output

6.26 x 3.85 x 1.54" Enclosed Package

#### Features:

- ITE Safety Approvals
- Universal AC Input Range (90-264 VAC) with PFC
- Short / Overload / Overvoltage / OverTemp Protection
- High Rel 105C Capacitors
- Led Power-On Indicator
- High Efficiency up to 87%
- 3-Year Product Warranty

#### INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	80A @ 230 VAC Cold Start (max)
Input Current	3A maximum at 115VAC
Input Protection	Single Fuse
Hold-Up Time	8ms Minimum
Leakage Current	<3500µA ( Class I) / 250µA (Class II)
Harmonics	EN61000-3-2 Class A Compliant

#### GENERAL:

Efficiency	82 - 87% 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./1cycle, 60min. each along X, Y, Z axes.
MTBF	>100k Hrs (according to MIL-HBK-217F) at 25°C

#### OUTPUT:

Minimum Load	n/a
Output Adjustment	±10% (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

#### APPROVALS:

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



## DPE-200 SERIES:

**Output Specifications:**

Model:	V1	OUTPUT CURRENT	EFFICIENCY
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DPE-200-4.2	4.2 V	40 A	85%
DPE-200-5	5 V	35 A	85%
DPE-200-12	12 V	16.7	87%
DPE-200-24	24 V	8.4 A	87%
DPE-200-48	48 V	4.3A	87%

**MECHANICAL DRAWING:** WEIGHT 1024g

