

Power-Con Electronics Corp.

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CATALOGUE

Name : Power Supply(1500Wmax)

Model : DED-KXX-28-02

Electrical Specification:	
1. Input Characteristics	
Rated Voltage (Vac)	115 / 230Vrms (Nominal : 115 Vrms)
Operation volatge range (Vac)	110 ~ 264Vrms
Efficiency (%)	>85% (@ 115Vac,full load)
Harmonic test	EN61000-3-12
2. Output Characteristics	
Rated voltage (V)	28V±2%
Rated current (A)	53.6A
Max power (W)	1500W
Ripple & noise (mVp-p)	280(mVp-p)
Line regulation (%)	± 2%
Load regulation (%)	± 2%
Minimum Load (A)	0.1A
Protection	Over Voltage Protection Over Current Protection(Short Circuit Protection) Over Temperature Protection
3. Electrical Safety	
Withstand voltage (@ 1 sec)	I/P to O/P : 3000Vrms 、 I/P to chassis : 1500Vrms 、 O/P to chassis : 500Vrms
Surge protection	L-N 2KV ; LN-FG 4KV
4. Environmental	
Operation temperature	-20°C ~ +65°C
Shock	20G, 11ms, three-axis six-way, each way three times
Vibration	5~500Hz & 1hour/axis Lateral axis : 1Grms Longitudinal axis : 1Grms Vertical axis : 1.3Grms
5. EMI Standard	
Radiation test & Conduction test	EN55032 Class-A

Physical Dimension:

Dimension: L = 300mm x 250mm x 150mm ±1mm

Weight: ≤ 6Kg

