



DPE1-120W-D24-01Z(H)

Features

- Wide input voltage range: 90-264VAC / 120-370VDC
- Operating temperature range: -30°C - +70°C
- 4000vac high isolation voltage
- Low ripple noise
- Output short circuit, overcurrent, overpressure and over temperature protection
- Can be installed on ts-35/7.5/15

Specification

Product Name	DPE1-120W-D24-01Z(H)
Input Parameter	
Input voltage range	Single Phase, 90... 264 VAC/127... 370 VDC
Input frequency range	47...63Hz
Input Current	2.7A (115Vac) / 1.6A (230Vac)
Power consumption	<1W
Connection Mode	PCB universal screw terminal blocks
Output Parameter	
Output efficiency	88% (230Vac@24V/5A, 25°C)
Output rated voltage	24VDC ±1%
Range of output voltage	24...28VDC
Output rated current	5A
Rated power	120W
Voltage Ripple (20MHz)	< 120mVp-p
Load variation and current slope	10%~100%, 0.05A/μs
Rise time	<3000ms
Capacitive load	1200μF
Dynamic recovery time	≤1ms
Linear rate of adjustment	±0.5%
Load regulation	±1%
Impulse current	30A (115Vac) / 55A (230Vac)
Leakage current	<1mA (240Vac)
Coefficient of temperature drift	±0.03% / °C
Power-down hold time	8ms (115Vac) / 16ms (230Vac)
Switching frequency	65KHZ
Connection Mode	PCB universal screw terminal blocks

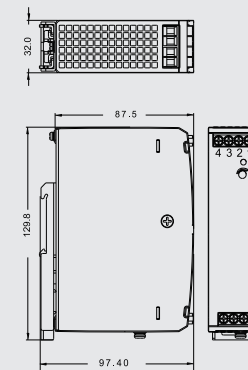
Mechanical Parameter

Size (L x W x D)	100 x 36 x 125 mm
Weight	0.35 kg
Shell material	Metal (Al1100, SGCC)
DC light	YES
Environmental Parameter	
Working temperature	-20°C to + 60°C
Storage temperature	-40°C to + 85°C
Storage humidity	10...95%
Working Humidity	20...90%
Impact test	IEC 60068-2-27(bearing 30G)
Vibration test	IEC 60068-2-6(X, Y, Z axis, 2g)
Pollution level	2
Operational altitude	0~2000m

Security Parameter

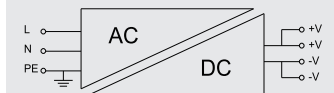
Overcurrent protection range	105%... 150%, which can be recovered automatically after the abnormal load conditions are removed
Overvoltage protection	≤ 33V (output voltage off, input restart recovery)
Overheat protection	The output voltage is turned off, the abnormal over temperature is removed and the output can be restored after the power is restarted
Short circuit protection	Can be short-circuited for long periods of time, self-recovery
Safety Standard	IS13252(Part1) & EN62368-1
Security level	CLASS I
Mean Time between failures	> 300,000 hours

Dimensional Drawing



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Wiring Diagram



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