



ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

AC/DC SWITCHING ADAPTOR
DESKTOP
SINGLE OUTPUT / UNIVERSAL RANGE
15 WATTS



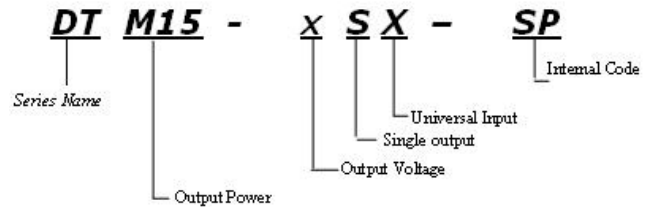
DTM15-xSX-SP SERIES



DIMENSION: 86 x 50 x 33 mm
3.39 x 1.97 x 1.30 inch

Input

Input Voltage: 90-264Vac
Input Current: 0.5A max @ 100V AC input
Inrush Current: <30A@115V AC / <45A@230V AC input. cold start at 25°C ambient
Leakage Current: <0.5mA@264V AC input
Frequency: 47-63Hz



Features

1. Universal input 90~264V AC
2. Over load, short circuit protection. Auto recovery start up
3. AC inlet IEC 320~C14
4. With LED indicator
5. UL, cUL, TUV, CB, CE approved

| Output Characteristics | Unit | Models | | | | | | |
|------------------------|------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| | | DTM15-05SC-SP | DTM15-7.5SC-SP | DTM15-09SC-SP | DTM15-12SC-SP | DTM15-15SC-SP | DTM15-18SC-SP | DTM15-24SC-SP |
| Output Voltage | Vdc | 5 | 7.5 | 9 | 12 | 15 | 18 | 24 |
| Max. Load | A | 2.5 | 2.0 | 1.67 | 1.25 | 1.0 | 0.84 | 0.63 |
| Regulation | % | ±5% | | | | | | |
| Ripple & Noise (Max.) | mV | 50 | 75 | 90 | 120 | 150 | | |
| Max Power | W | 12.5 | 15 | | | | | |
| Rise up time | mS | <50mS | | | | | | |
| Hold Up Time | mS | >20mS@230V | | | | | | |

| | | | |
|-------------------|----------|-----------|-----------|
| Efficiency | % | 70 | 73 |
|-------------------|----------|-----------|-----------|



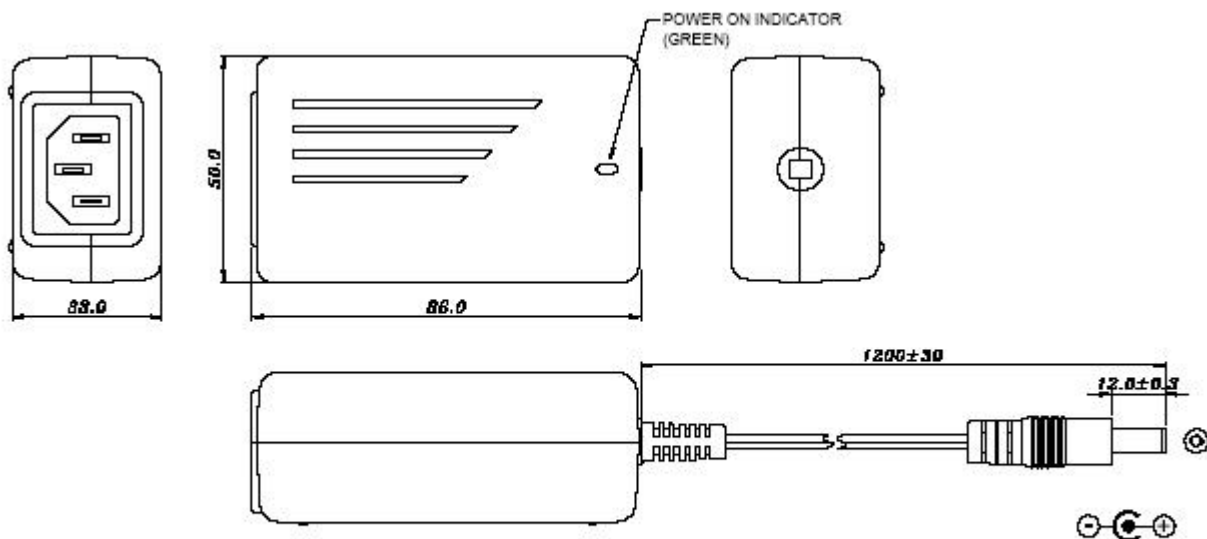


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| Environmental Specification | | |
|----------------------------------|---|---|
| Operating Temperature | 0 to +55°C ambient | |
| Storage Temperature | -10 to +75°C ambient | |
| Derating | 43°C ~ 55°C : 2.5%/°C. | |
| Operating Humidity | 20% ~ 95% | |
| Storage Humidity | 10% ~ 95% (non condensing) | |
| Cooling | Natural Cooling | |
| Protection/Control Specification | | |
| Over Voltage Protection | +5.8~7.0 +8.6~10.5 +10.4~12.6 +13.8~17.5 +17.3~21.0 +20.7~25.2 +27.6~33.6 | |
| Short Circuit Protection | Hiccup, recovers automatically after fault condition has been removed. | |
| Safety | UL 1950 3rd, CSA C22.2 No.950-95 3 rd, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 approved. | |
| M.T.B.F. | 550K hours | |
| EMC | EMI | EN 55022 : EN 61000-3-2,3、FCC CFR 47 PART15 CLASS B、CNS13438 CALSS B. |
| | EMS | EN 55024 : EN-61000-4-2,3,4,5,6,8,11 |
| Dimension | 86 x 50 x 33 mm[3.39 x 1.97 x 1.30 inch] | |

DIMENSION DIAGRAM



NOTE :

1. ENCLOSURE COLOR : BLACK.
2. AC INLET : IEC 320 C14 STANDARD.
3. DC PLUG. (I.D.=2.5mm ; O.D.=5.5mm)
4. UNIT : mm.

