

■ Features

- Single output from 72W
- 100-240Vac Universal input
- Certificates: UL, cUL, CE
- OCP, OVP, OTP, and SCP
- NEMA 5 Type 2 Wire A/C Cord & Plug
- Waterproof DC harness with washer
- IP68
- 2-year warranty
- Dimension: 155x65.5x40.5mm

■ Application

- Dry, Damp and Wet locations
- Industrial equipment

■ Model List



Custom Designs Available!

Model	Output Voltage	Output Current	Power	Certificates
DT072R-050-N52-WA-XX	5V	14.4A	72W	UL/cUL, CE
DT072R-090-N52-WA-XX	9V	8A	72W	UL/cUL, CE
DT072R-120-N52-WA-XX	12V	6A	72W	UL/cUL, CE
DT072R-150-N52-WA-XX	15V	4.8A	72W	UL/cUL, CE
DT072R-180-N52-WA-XX	18V	4A	72W	UL/cUL, CE
DT072R-240-N52-WA-XX	24V	3A	72W	UL/cUL, CE

*Available in 0.1V increments please contact Autech Sales for more information

■ Technical Data

Input Voltage	100-240Vac
Line Frequency	50-60Hz
Input Current	1.3A
Inrush Current	80A(max.) @240Vac input at 25°C
Rated Output Voltage	5V-24V
Rated Output Current	3000mA-14400mA
Rated Power	72W
Output Ripple and Noise	200mVp-p
Turn On Delay Time	3S Max.@ 115Vac input max load
Rise time	40mS Max.@ 115Vac input max load
Hold up time	3mS Min.@ 115Vac input max load
Efficiency	80%min.
Over Voltage Protection	V out *120-150% Max.
Short Circuit Protection	Shut down
Over Current Protection	I out *120-150% Max.
Over Temperature Protection	Latch Protection

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■ Technical Data(cont.)

Leakage Current	0.25mA max. @240Vac input
Operating Temperature	0 to 40°C
Storage Temperature	-10 to 80°C
Operating Relative Humidity	5 to 90% RH
Storage Relative Humidity	5 to 95% RH
Case Dimensions	155x65.5x40.5mm
Weight	TBA
Vibration Test Requirement	Operating: IEC 721-3-3 3M3; 5-9Hz, A=1.5mm
Transportation	IEC 721-3-2 2M2, 5-9Hz, A=3.5mm; 9-200Hz, Acceleration=5m/S ² ; 200-500Hz Acceleration=15m/S ² ; Axes., 10 cycles per axis

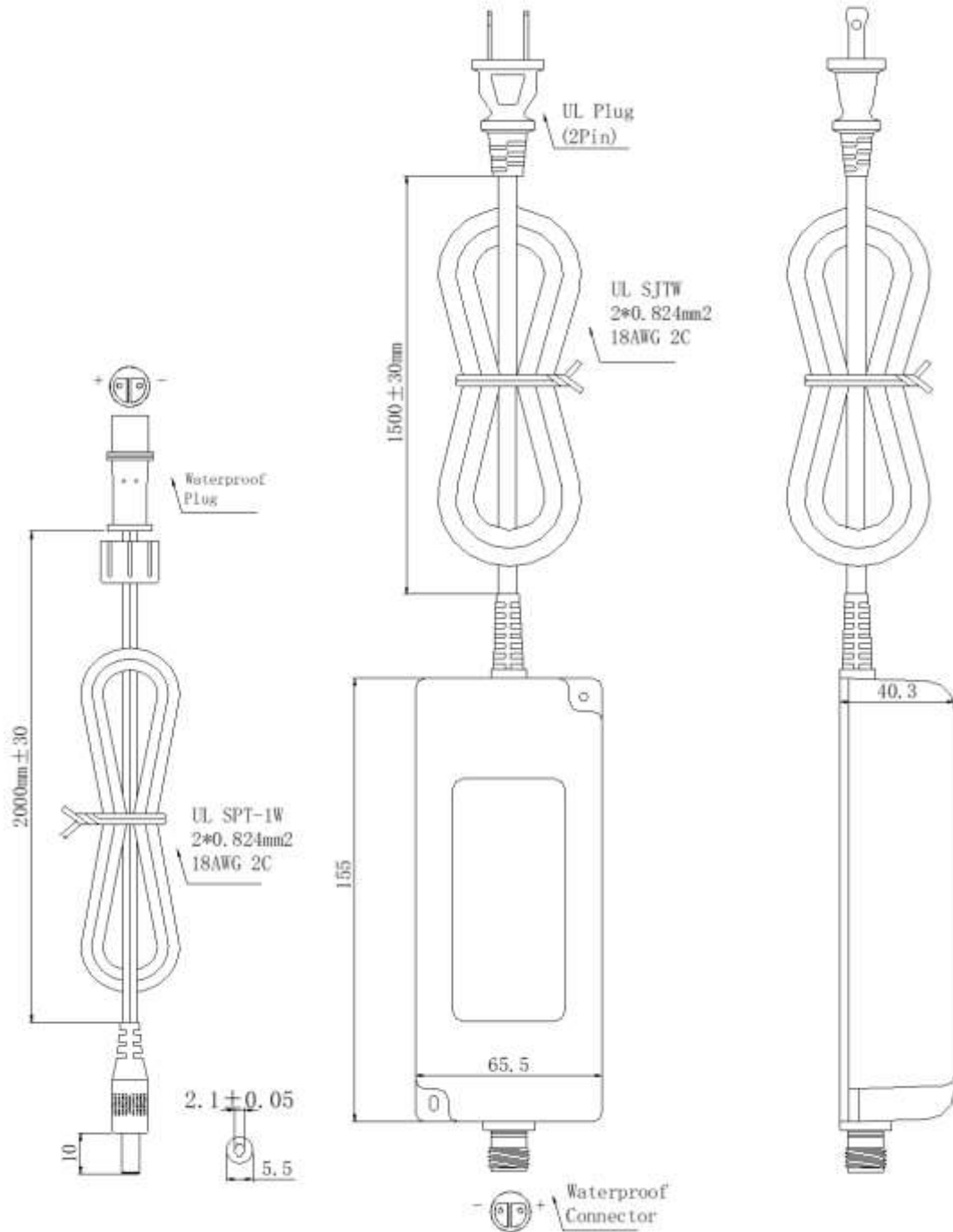
Note: When Over Current Protection is activated, the power supply will shutdown automatically. Once the abnormal condition resulting in the failure has been removed, the power supply will restart. When Over Voltage Protection or Over Temperature Protection is activated, the power supply will latch.

■ Safety & EMI Standards

Safety Standard	UL1310, UL8750
Insulation Resistance	Primary to secondary: 10MΩ min at 500V DC.
Dielectric Strength Hi-Pot:	Primary to secondary: 2000Vac 5mA/3S for type test.
EMI Standard	EN55014-:2017, EN55015:2013+A1:2015, 61000-3-2:2014, 61000-3-3:2013 Fcc Part 15

■ Mechanical Diagram

- DT072R-XXX-N52-WA-XX

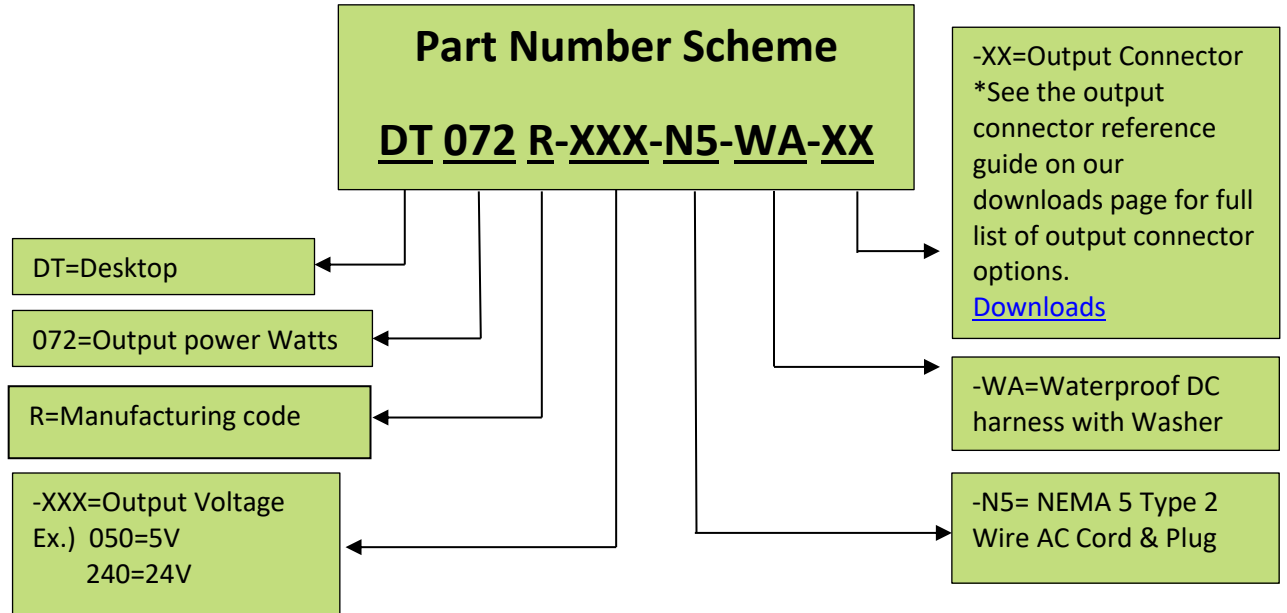


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***Some Safety Agency Approvals may differ from what is shown. Contact Autec Sales!**

***Product images are for illustrative purposes only and may vary from actual design.**

***Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.**