

■ Features

- Single output to 60W
- 100-240Vac Universal input
- Certificates: UL, cUL, CE
- OCP, OVP, OTP, and SCP
- Efficiency Level VI
- NEMA 5 Type 2 Wire A/C Cord & Plug
- Waterproof DC harness with washer
- Class 2 output
- IP68
- 2-year warranty
- Dimension: 140x50x39mm



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

■ Application

- Dry, Damp, and Wet location
- Industrial equipment

■ Model List

Custom Designs Available!

Model	Output Voltage	Output Current	Power	Certificates
DT060R-120-N52-WA-XX	12V	5A	60W	UL/cUL, CE

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

■ Technical Data

Input Voltage	100-240Vac
Line Frequency	50-60Hz
Input Current	1.3A max at any input voltage
Inrush Current	50A max cold start @240Vac, with rated load and 25°C
Rated Output Voltage	12V
Rated Output Current	5A
Rated Power	60W
Output Ripple and Noise	300mVp-p
Turn On Delay Time	3S max. @ 115Vac
Rise Time	40mS Max. at 115Vac input
Hold up time	5mS min. @115Vac input
Efficiency	80% min. at 115/230Vac input full load
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
Leakage Current	0.25mA Max. @240Vac
Operating Temperature	0°C-40°C
Storage Temperature	-20°C to 80°C
Operating Relative Humidity	5 to 90% RH

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■ Technical Data(cont.)

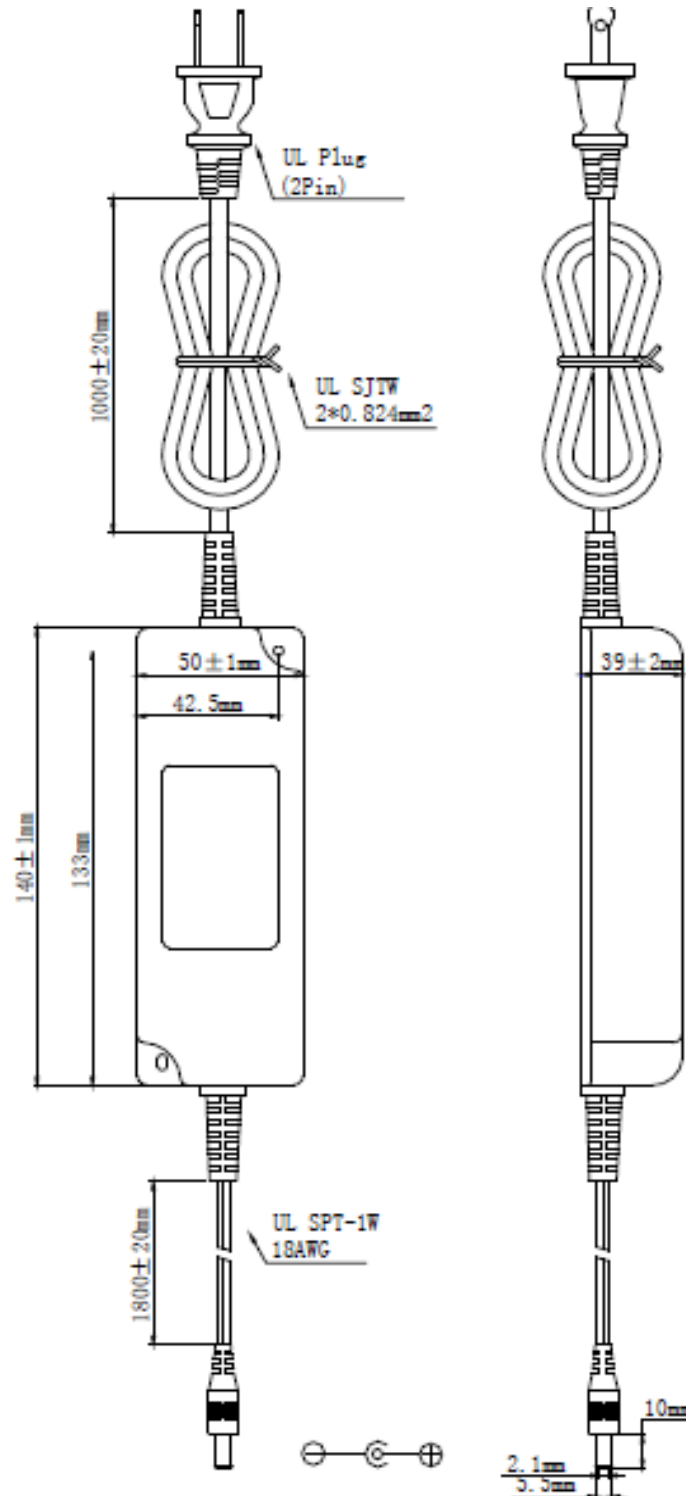
Storage Relative Humidity	5 to 95% RH
Case Dimensions	140x50x39mm
Packing	30pcs/Box
Weight	TBD
Vibration Test Requirement	Operating: IEC 721-3-3 3M3; 5-9Hz, A=1.5mm
Transportation	IEC 721-3-2 2M2, 5-9Hz, A=3.5mm; 9-200Hz, Acceleration=5m/S ² ; 200-500Hz Acceleration=15m/S ² ; Axes., 10 cycles per axis

Note: When Over Current Protection is activated, the power supply will shut down 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	EN55022 Fcc part 15

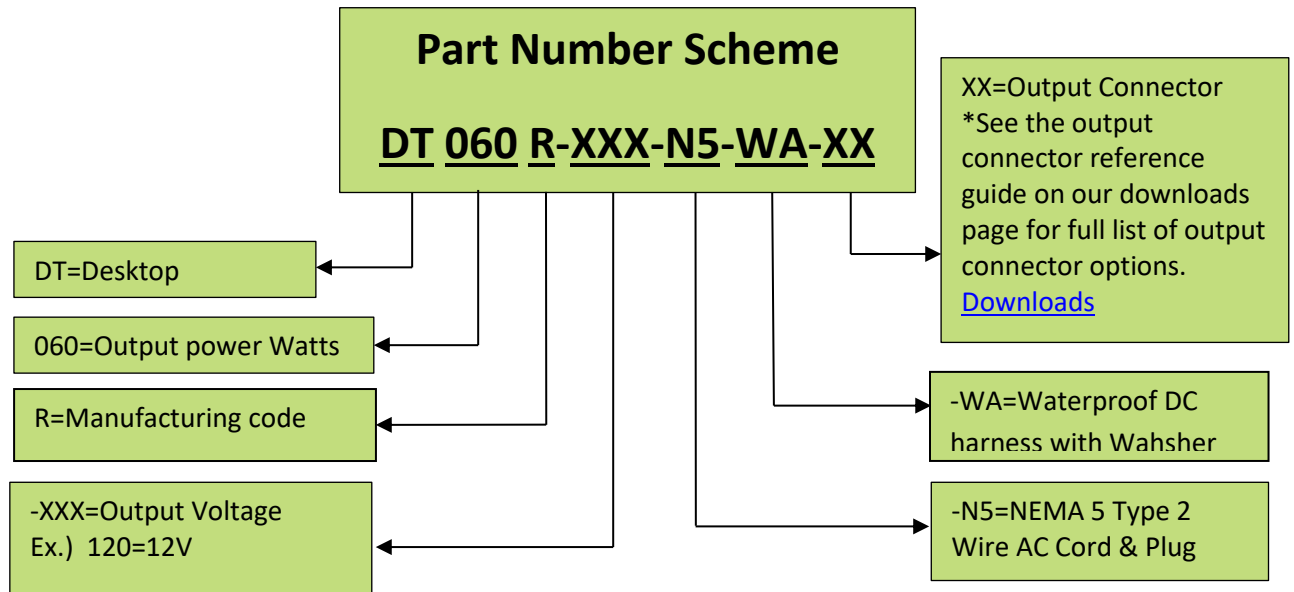
■ Mechanical Diagram



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

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