

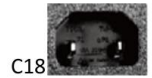
■ Features

- Single output to 300W
- 100-240Vac Universal input
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- EMC: IEC60601-1-2:2014 (edition 4.0)
- IEC 60950 approval
- Means of Protection: 2 x MOPP
- Efficiency Level VI
- SCP, OVP, OCP, and OTP
- 2-year warranty
- Dimension: 254*116*47mm



Energy Efficiency
Level VI

RoHS
Compliant



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

■ Application

- Medical equipment

■ Model List

Custom Designs Available!

Model	Output Voltage	Output Current	Power
DT-M300-120-X-XX	12V	25A	300W
DT-M300-150-X-XX	15V	20A	300W
DT-M300-240-X-XX	24V	12.5A	300W
DT-M300-480-X-XX	48V	6.25A	300W

*Available input plug options are: S=C18, V=C14

■ Technical Data

Voltage	100-240Vac
Line Frequency	50-60Hz
Current	3.5A-1.5A
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C18,C14
Load Regulation	±5% (Typical)
Ripple	1% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5ms for 50% Load Change Typical
Hold-up Time	10ms @ Full Load
Topology	LLC
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
Dielectric Withstand	4000Vac Primary-Secondary
Leakage Current	<100μA
Efficiency	DoE Level VI , Energy Star, ErP Stage 2 Certified
MTFB	300,000 calculated hours at 25°C, by Telcordia SR-332

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■ Technical Data(cont.)

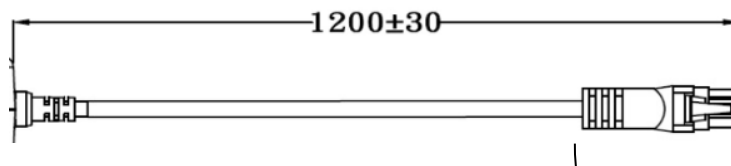
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to 80 °C
Relative Humidity Operating:	20 to 80% RH
Relative Humidity Storage	10 to 90% RH
Cooling	Natural Convection Cooling
Case Dimension	254x116x47mm
Weight	1600g

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

■ Safeties/EMI

EMI Conduction and Radiation	Compliance to EN55011 Class B
Safeties	UL/cUL/CE
Harmonic Current	Compliance to ENC61000-3-2, 3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11

■ DC Output Cable Mechanical Diagram

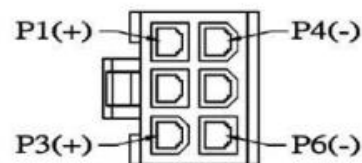


*Molex 39-01-2060 Connector or similar for models with an output current of 5A and above.

12V Model



All Other Models

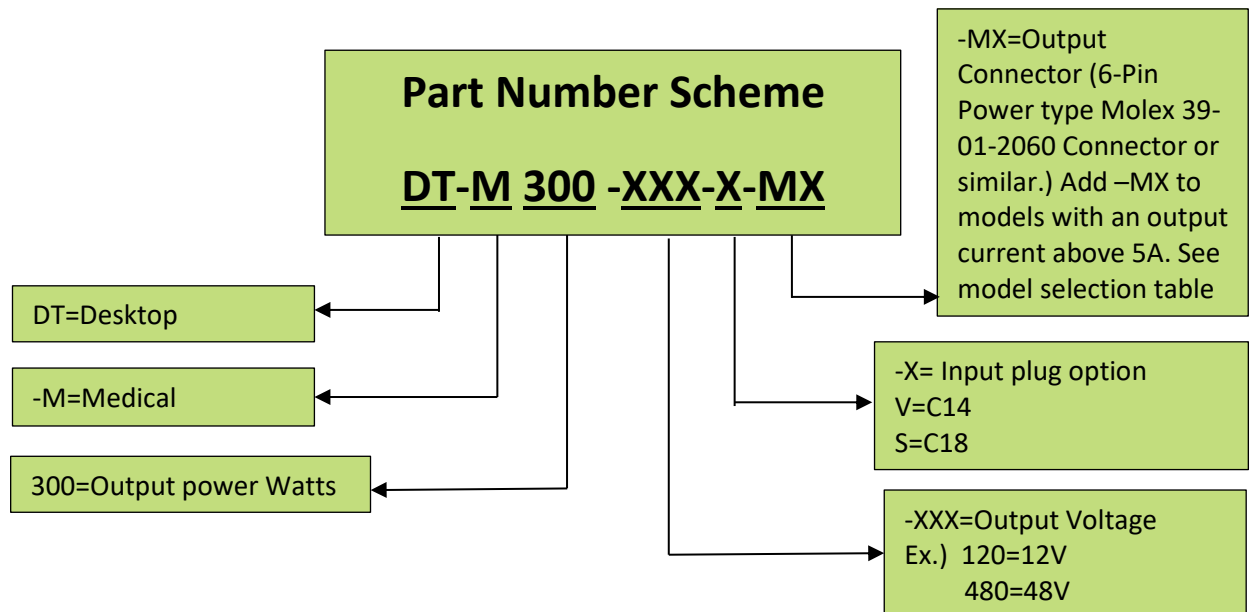
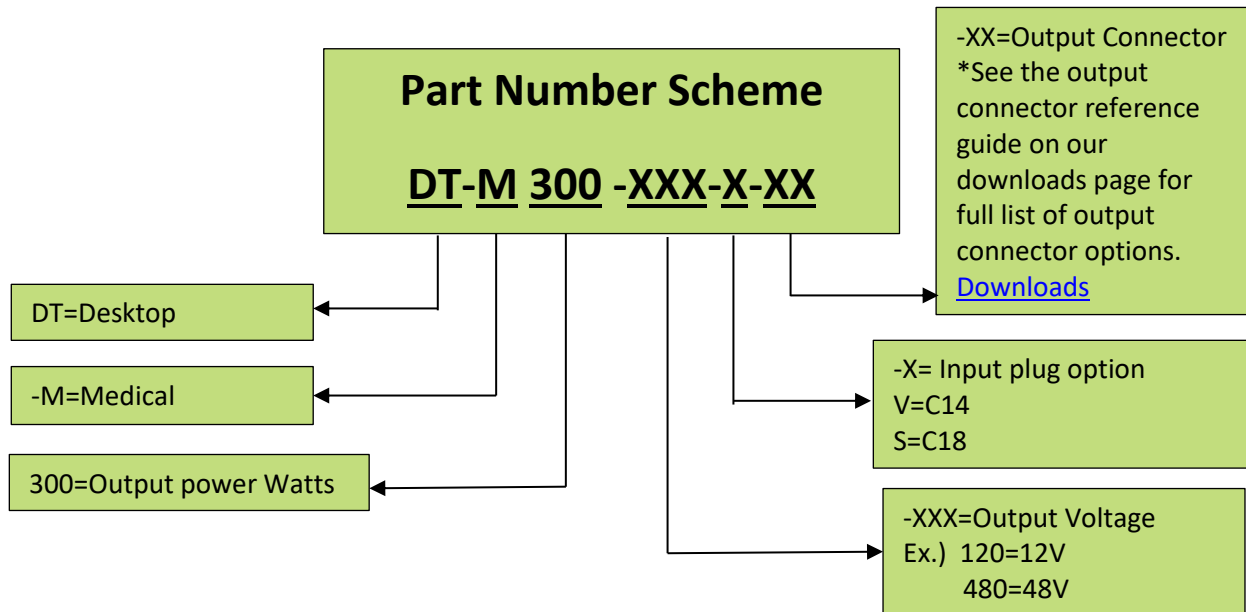


Output Cable Plug Pin Assignment

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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.**

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