

■ Features

- Single output from 240-250W
- 100-240Vac Universal input
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- EMC: IEC60601-1-2: 2014 (Edition 4.0)
- IEC 60950 approval
- Limited Power Source (LPS) per IEC60601-1
- Means of Protection: 2 x MOPP
- EfficiencyLevel VI
- SCP, OVP, OCP, and OTP
- 2-year warranty
- Dimension: 204*94*43.5mm



*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-M250-120-X-XX	12V	20A	240W
DT-M250-150-X-XX	15V	16.66A	250W
DT-M250-190-X-XX	19V	13.15A	250W
DT-M250-240-X-XX	24V	10.4A	250W
DT-M250-480-X-XX	48V	5.21A	250W

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

■ Technical Data

Voltage	100-240Vac
Line Frequency	50-60Hz
Current	3.3A-1.3A
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

Technical Sales / Customer Service: +1-818-338-7788 • Email: sales@autec.com
 31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • www.autec.com

June 18, 2021

■ Technical Data(cont.)

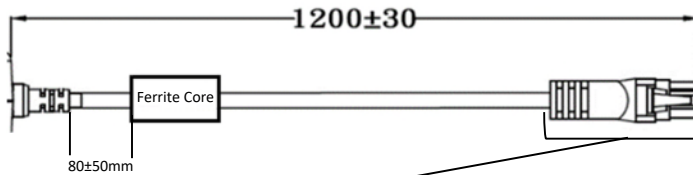
MTFB	300,000 calculated hours at 25°C, by Telcordia SR-332
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to 80 °C
Relative Humidity Operating:	20 to 80% RH
Relative Humidity Storage	10 to 90% RH
Cooling	Natural Convection Cooling
DC Cord	18AWG/16AWG
Case Dimension	204x94x43.5mm
Weight	1145g

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

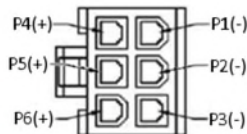
EMI Conduction and Radiation	Compliance to EN55011 Class B
Limited Power Source (LPS)	per IEC60601-1
Safeties	UL/cUL/CE
Harmonic Current	Compliance to ENC61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11

■ DC Output Cable Mechanical Diagram



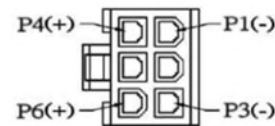
*Molex 39-01-2060 Connector or similar for models with an output current of 5A and above.

12V Model

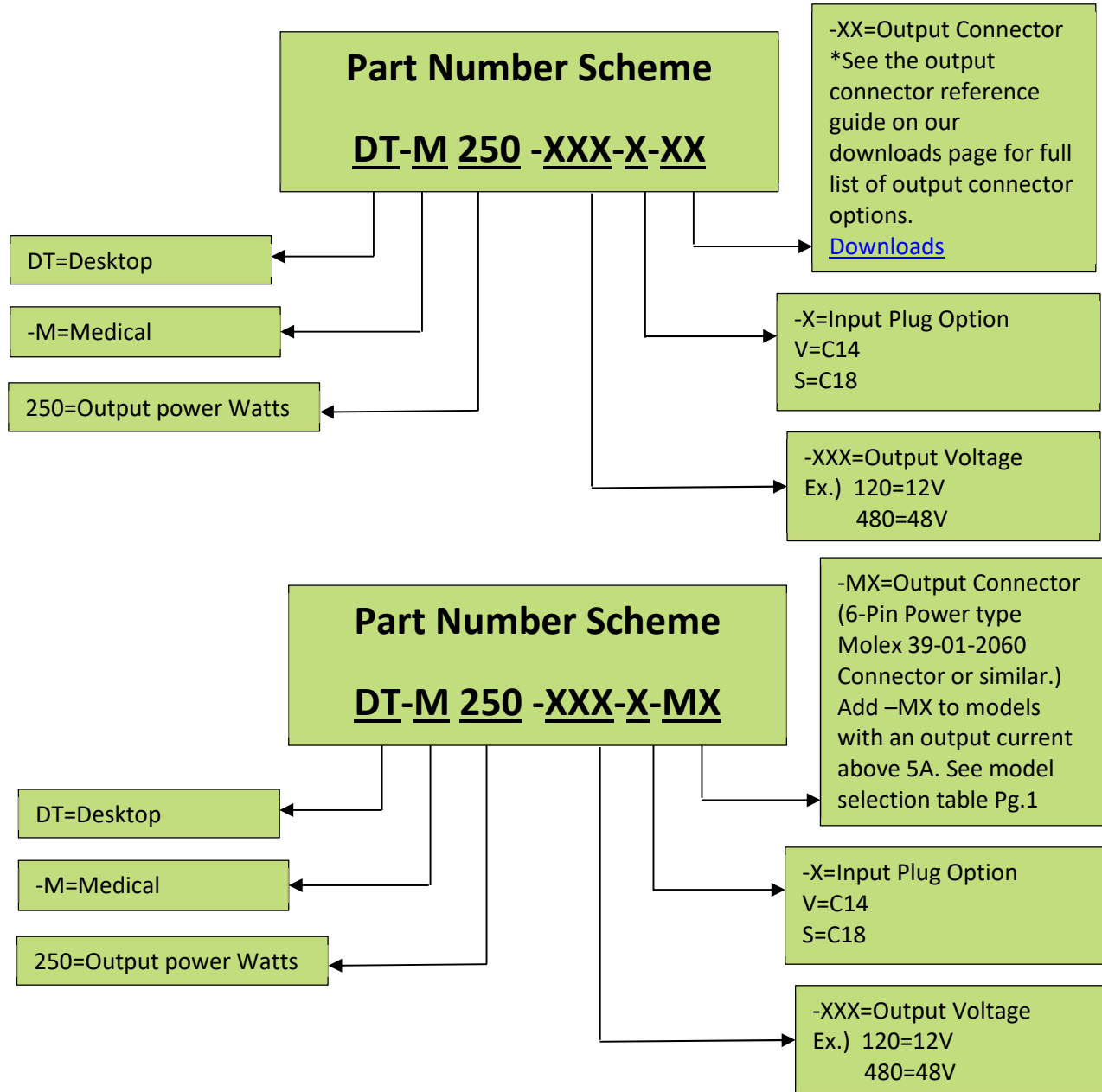


Output Cable Plug Pin Assignment

All Other Models



Output Cable Plug Pin Assignment



***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.**