

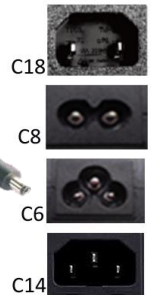
■ Features

- Single output from 84-90W
- 100-240Vac Universal input
- ANSI/AAMI/IEC/EN 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 Class I: 160*64*35mm Class II: 151*64*35mm



Energy Efficiency
Level VI

RoHS
Compliant



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

■ Application

- Medical equipment

Custom Designs Available!

■ Model List

Model	Output Voltage	Output Current	Power
DT-M090-120-X-XX	12V	7A	84W
DT-M090-150-X-XX	15V	6A	90W
DT-M090-180-X-XX	18V	5A	90W
DT-M090-190-X-XX	19V	4.74A	90W
DT-M090-240-X-XX	24V	3.75A	90W
DT-M090-480-X-XX	48V	1.88A	90W

*Available input plug options are: U=C8, W=C6, V=C14, S=C18

■ Technical Data

Voltage	100-240Vac
Line Frequency	50-60Hz
Input Current	1.2A-0.5A
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C8, C14, C18
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	Switching Flyback
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

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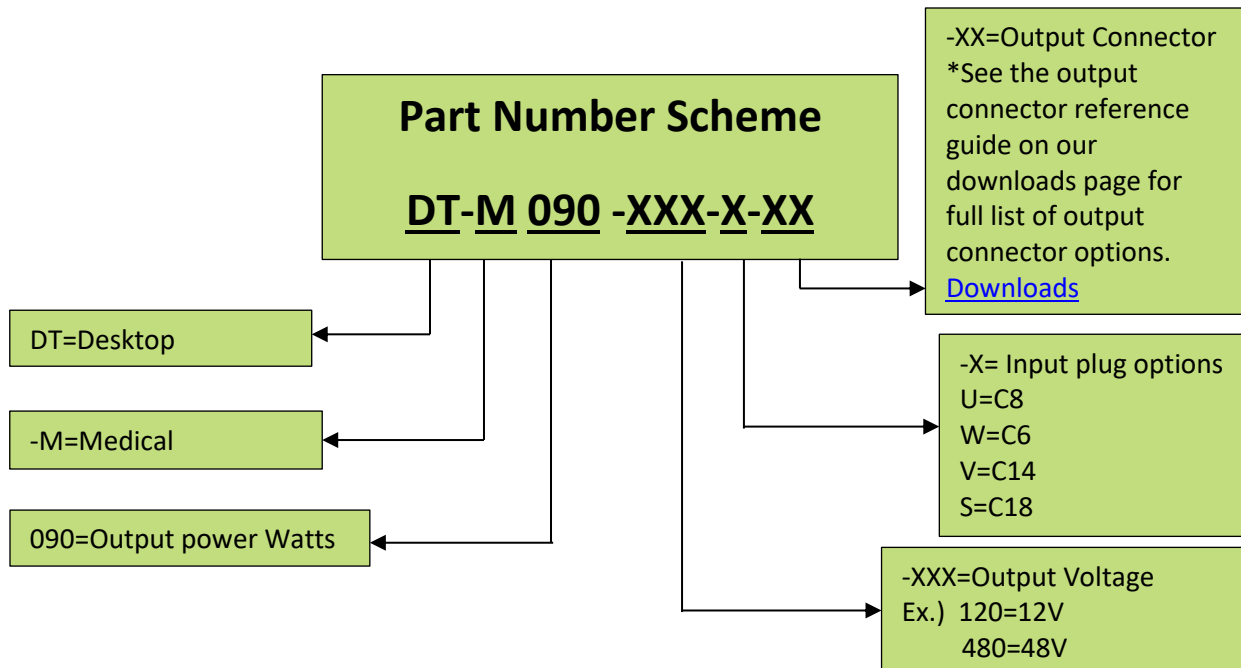
■ Technical Data(cont.)

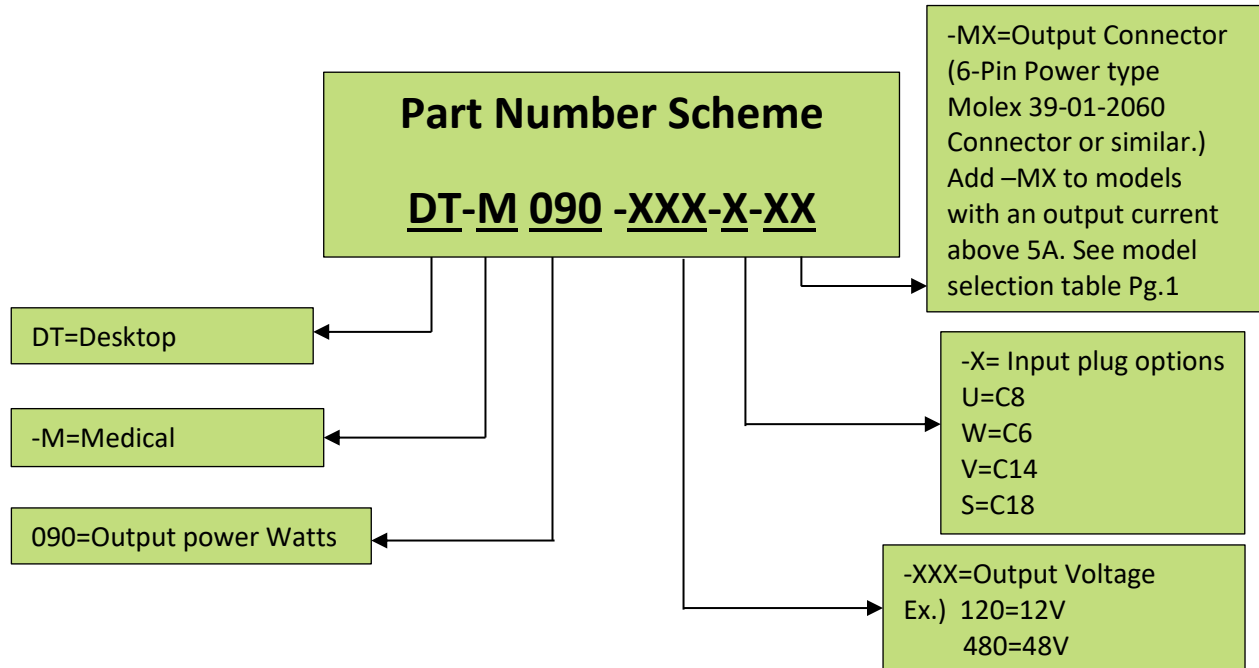
MTBF	300,000 calculated hours at 25°C, by Telcordia SR-332
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to 80 °C
Relative Humidity Operating:	20 to 80% RH
Relative Humidity Storage	10 to 90% RH
Cooling	Natural Convection Cooling
Case Dimension C14 & C18	160x64x35mm
Case Dimension C6 & C8	151x64x35mm
Weight	460g

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 EN61000-3-2,3
EMS Immunity	EN61000-4-2,3,4,5,6,8,11





***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.**