

■ **Features**

- Single output from 192-201W
- 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
- Efficiency Level VI
- SCP, OVP, OCP, and OTP
- MTBF: 300,000 hours
- 2-year warranty
- Dimension: 204*81*42.5mm



*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-M200-120-X-XX*	12V	16A	192W
DT-M200-150-X-XX*	15V	13A	195W
DT-M200-180-X-XX*	18V	11A	198W
DT-M200-190-X-XX*	19V	10.5A	200W
DT-M200-240-X-XX*	24V	8.3A	200W
DT-M200-480-X-XX*	48V	4.17A	201W

*Add -MX for 6-Pin Power Type Molex Output connector

■ **Technical Data**

Voltage	100-240Vac
Line Frequency	50-60Hz
Protection	Internal Primary Current Fuse
Configuration	IEC60320/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	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

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■ **Technical Data(cont.)**

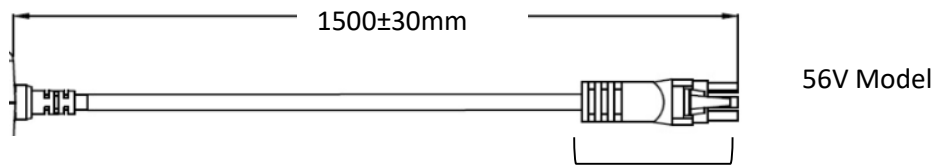
Leakage Current	<100µA
Efficiency	Energy Star Level VI, ErP Stage 2 Certified
Input Current	C14: 2.5A-0.9A, C8/C18: 2.4A-0.9A
MTBF	300,000 calculated hours at 25°C, by Telcordia SR-332
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to 80 °C
Relative Humidity Operating:	20 to 80% RH
Relative Humidity Storage	10 to 90% RH
Cooling	Natural Convection Cooling
DC Cord	18AWG/16AWG
Ferrite Core	Optional
Case Dimension	204x81x42.5mm
Weight	900g

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.

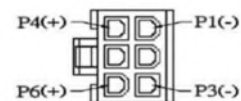
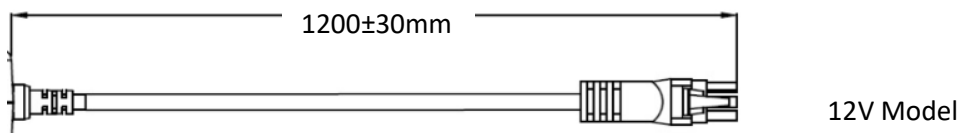
■ **Safeties/EMI**

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 IEC61000-4-2,3,4,5,6,8,11

■ **DC Output Cable Mechanical Diagram**



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

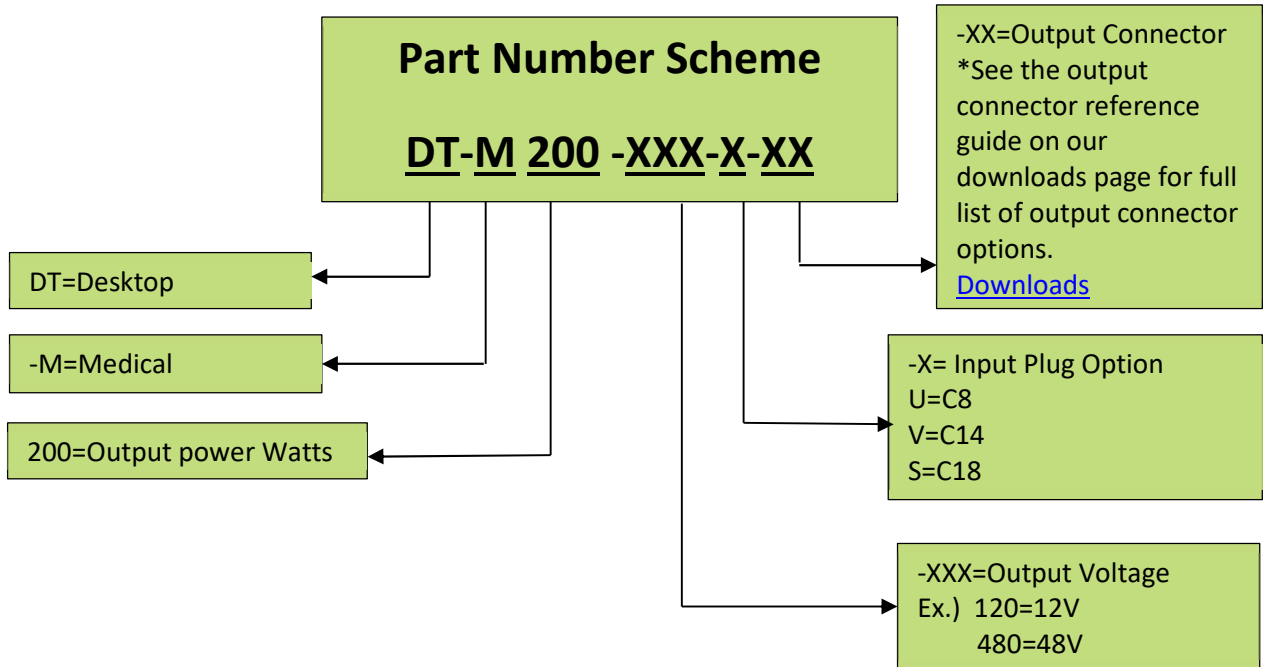
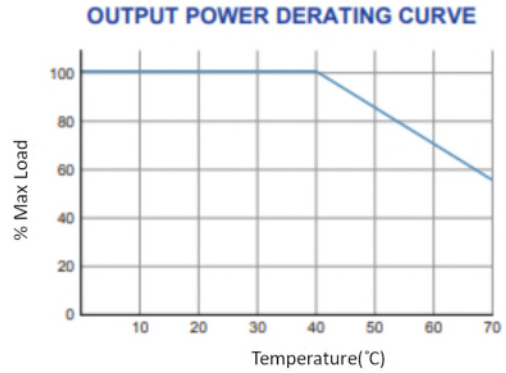
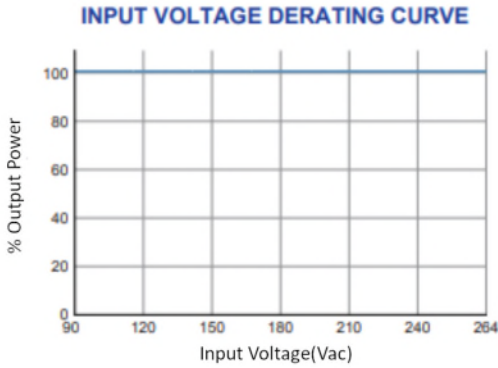


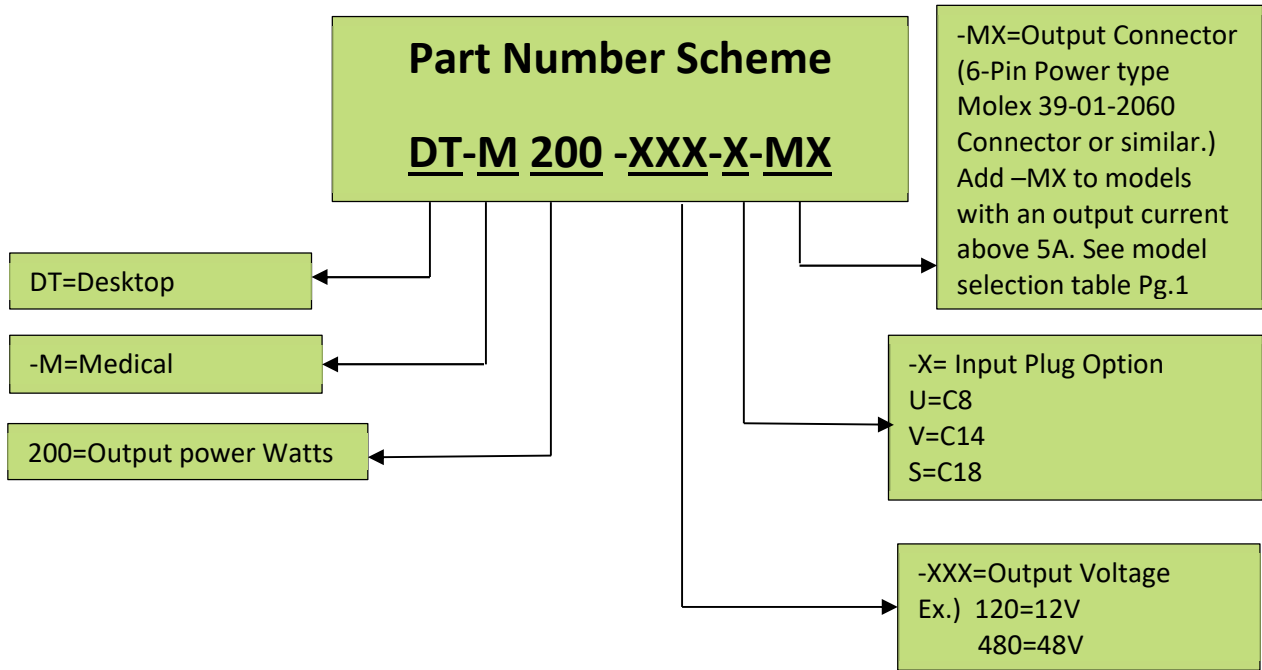
Output Cable Plug Pin Assignment

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■ **Derating Curve**





***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.**