

■ Features

- Single output from 192-200W
- 100-240Vac Universal input
- IEC62368-1 approval
- Efficiency Level VI
- SCP, OVP, OCP, and OTP
- MTBF: 300,000 hours
- 2-year warranty
- Dimension: 183*81*42mm



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

■ Application

- Industrial Grade equipment

Custom Designs Available!

■ Model List

Model	Output Voltage	Output Current	Power
DT200A-120-X-XX*	12.0V	16A	192W
DT200A-180-X-XX*	18.0V	11A	198W
DT200A-190-X-XX*	19.0V	10.5A	200W
DT200A-240-X-XX*	24.0V	8.3A	200W
DT200A-480-X-XX	48.0V	4.17A	200W

*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/C6, C14
Load Regulation	±5% (Typical)
Ripple	2% 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	Energy Star Level VI, ErP Stage 2 Certified
MTFB	300,000 calculated hours at 25°C, by Telcordia SR-332
Operating Temperature	0 to + 40°C

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

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■ Technical Data(cont.)

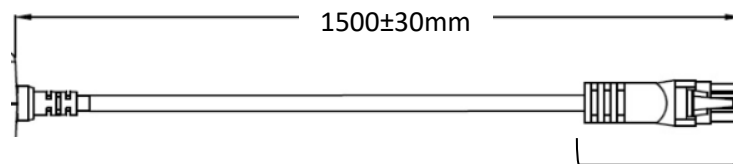
Storage Temperature	-20 to 80 °C
Relative Humidity Operating:	20 to 80% RH
Relative Humidity Storage	10 to 90% RH
Cooling	Natural Convection Cooling
DC Cord	20AWG/18AWG/16AWG
Ferrite Core	Optional
Case Dimension	183x81x42mm
Weight	800g(REF)
Molex Plug	6-Pin Housing Molex 39-01-2060 Connector or similar
Material Flammability	UL94V-0

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.

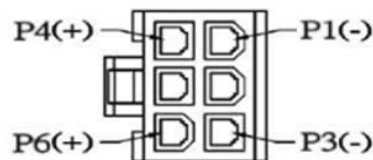
■ Safeties/EMI

Safety Standard	IEC62368-1
EMI Conduction and Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to ENC61000-3-2,3
EMS Immunity	Compliance to IEC60601-1-2

■ DC Output Cable Mechanical Diagram

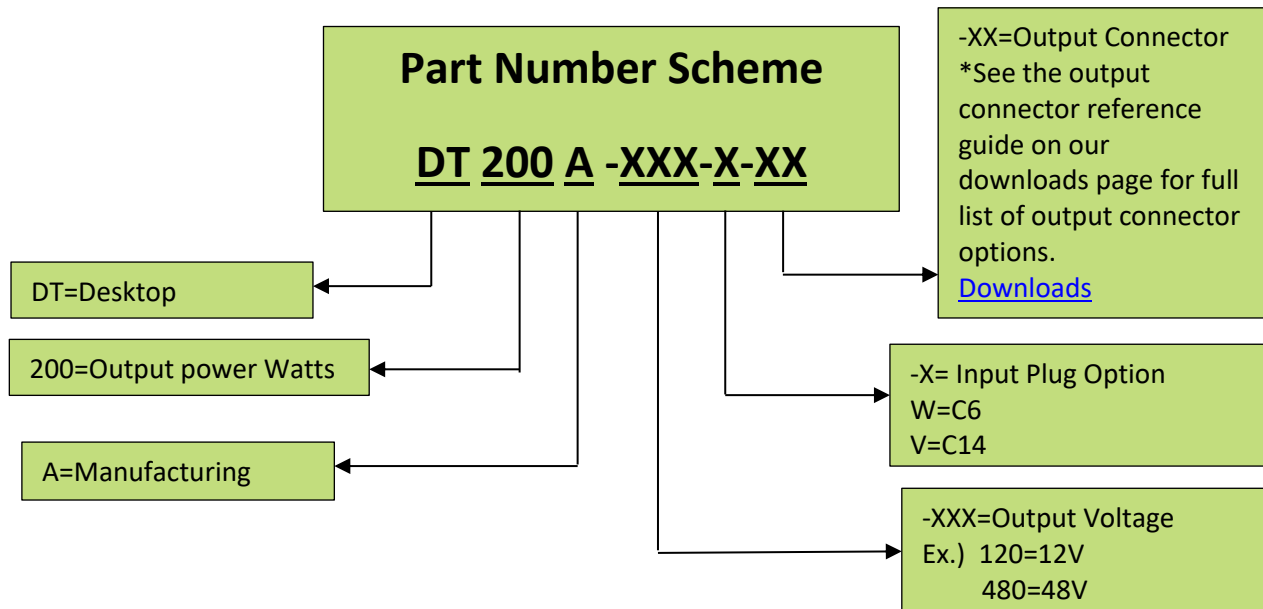
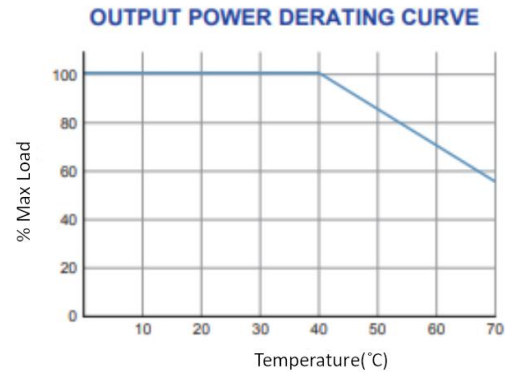
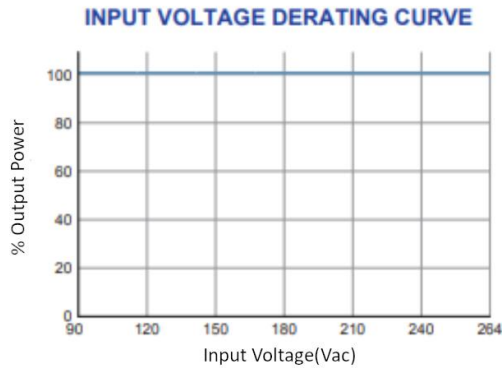


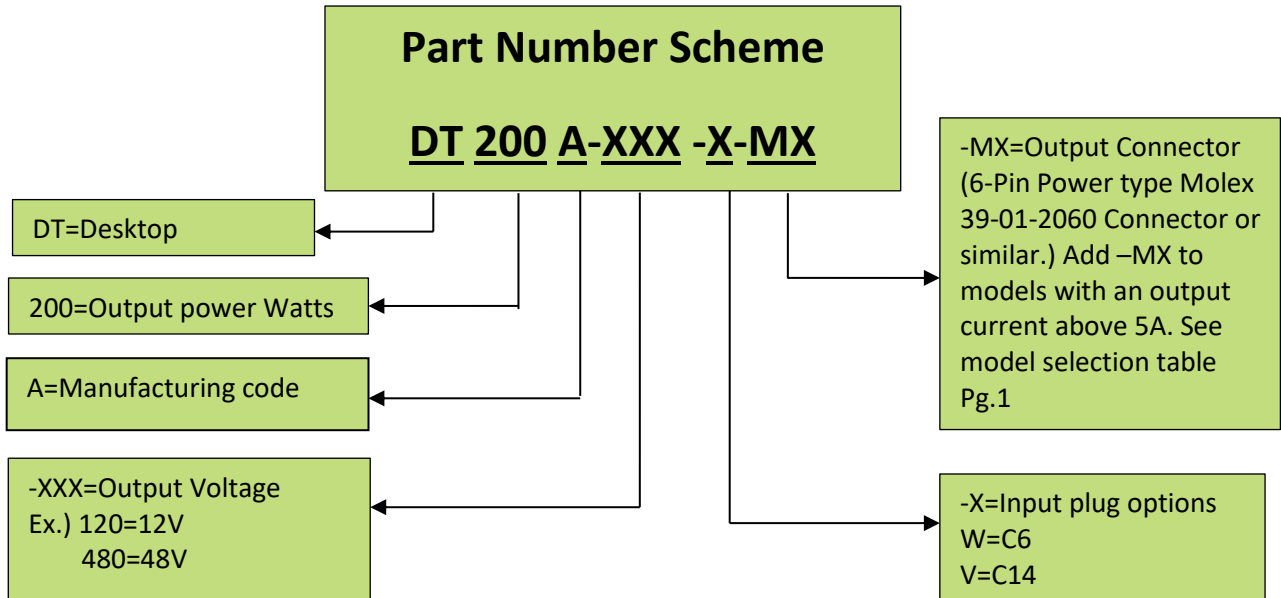
*Molex 39-01-2060 Connector or similar for models with an output current of 5A and above.



Output Cable Plug Pin Assignment

■ 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.**