

■ **Features**

- Single output from 150-160W
- 100-240Vac Universal input
- IEC62368-1 approval
- Regulate output with low ripple noise
- Efficiency Level VI
- SCP, OVP, OCP, and OTP
- 2-year warranty
- Dimension: 175x74x42mm



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

■ **Application**

- Industrial Grade equipment

■ **Model List**

Custom Designs Available!

Model	Output Voltage	Output Current	Power
DT160A-120-X-XX*	12V	12.5A	150W
DT160A-150-X-XX*	15V	10A	150W
DT160A-190-X-XX*	19V	8.4A	160W
DT160A-240-X-XX*	24V	6.6A	160W
DT160A-480-X-XX	48V	3.3A	160W
DT160A-560-X-XX	56V	2.86A	160W

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

■ **Technical Data**

Voltage	100-240Vac
Line Frequency	50-60Hz
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C6, C8, C14, C18
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	3000Vac Primary-Secondary
Leakage Current	3.5mA@3Pin
Efficiency	Energy Star Level VI, ErP Stage 2 Certified, CoC Tier 2, NRCan & GEMS Certified
MTBF	300,000 calculated hours at 25°C, by Telcordia SR-332
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to 80 °C

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■ Technical Data(cont.)

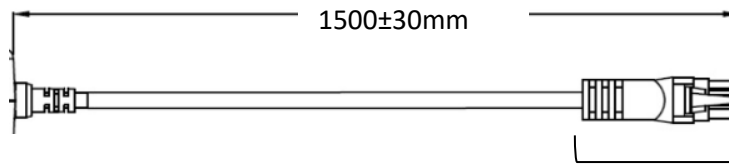
Relative Humidity Operating:	20 to 80% RH
Relative Humidity Storage	10 to 90% RH
Cooling	Natural Convection Cooling
DC Cord	22AWG/20AWG/18AWG/16AWG
Ferrite Core	Optional
Case Dimension	175x74x42mm
Weight	700g
Molex Plug	6-Pin Housing Molex 39-01-2060 Connector or similar
Material Flammability	UL94V-0

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

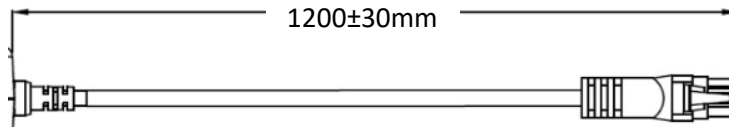
Safety Standard	IEC62368-1
EMI Conduction and Radiation	Compliance to IEC55032 Class B
Harmonic Current	Compliance to ENC61000-3-2, 3
EMS Immunity	Compliance to IEC61000-4-2, 3, 4, 5, 6, 8, 11

■ DC Output Cable Mechanical Diagram

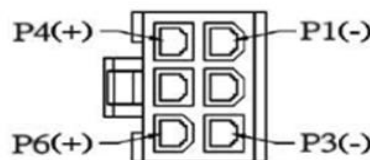


24V, 48V, & 56V Models

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



12V Model



Output Cable Plug Pin Assignment

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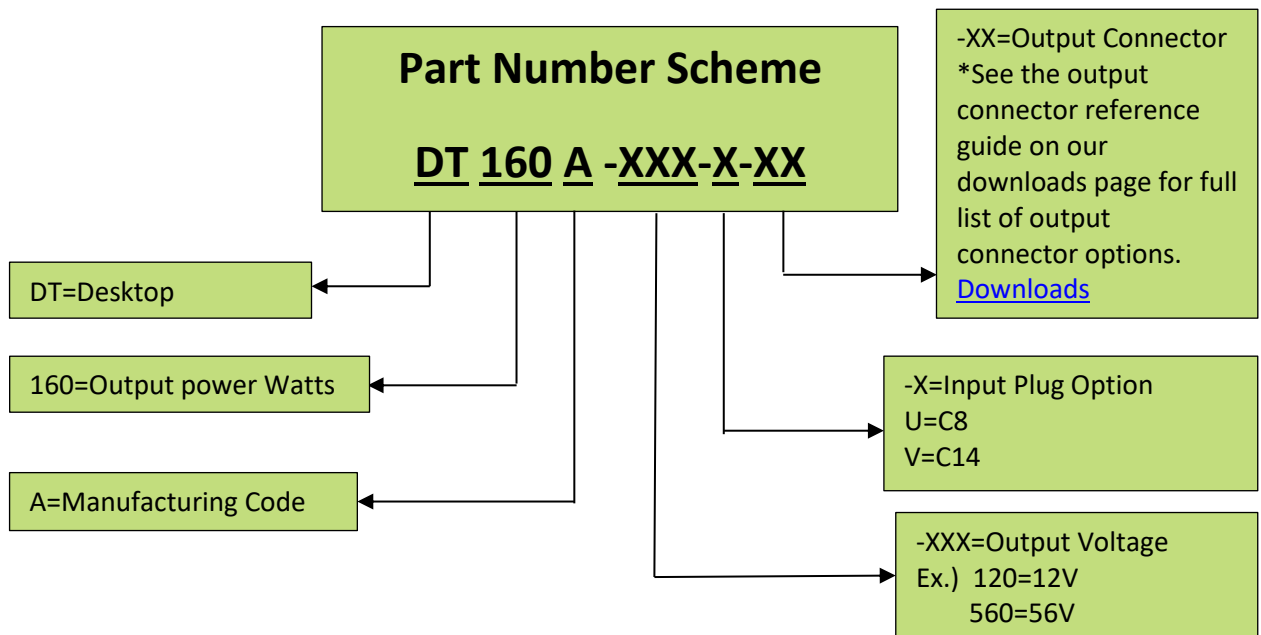
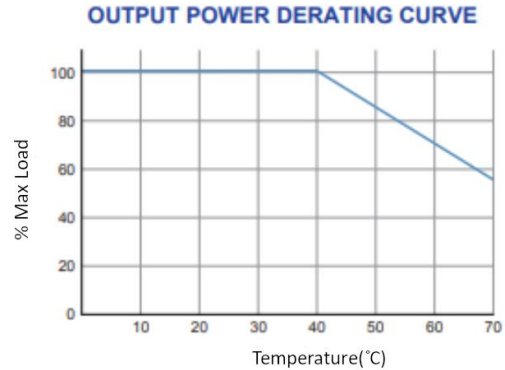
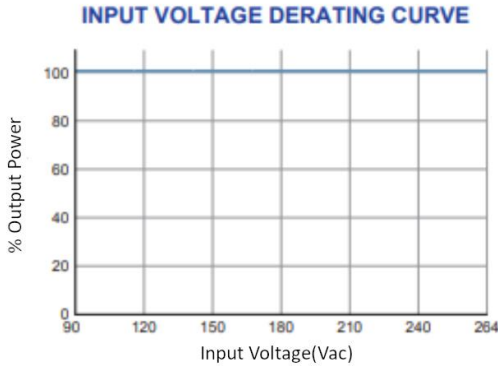
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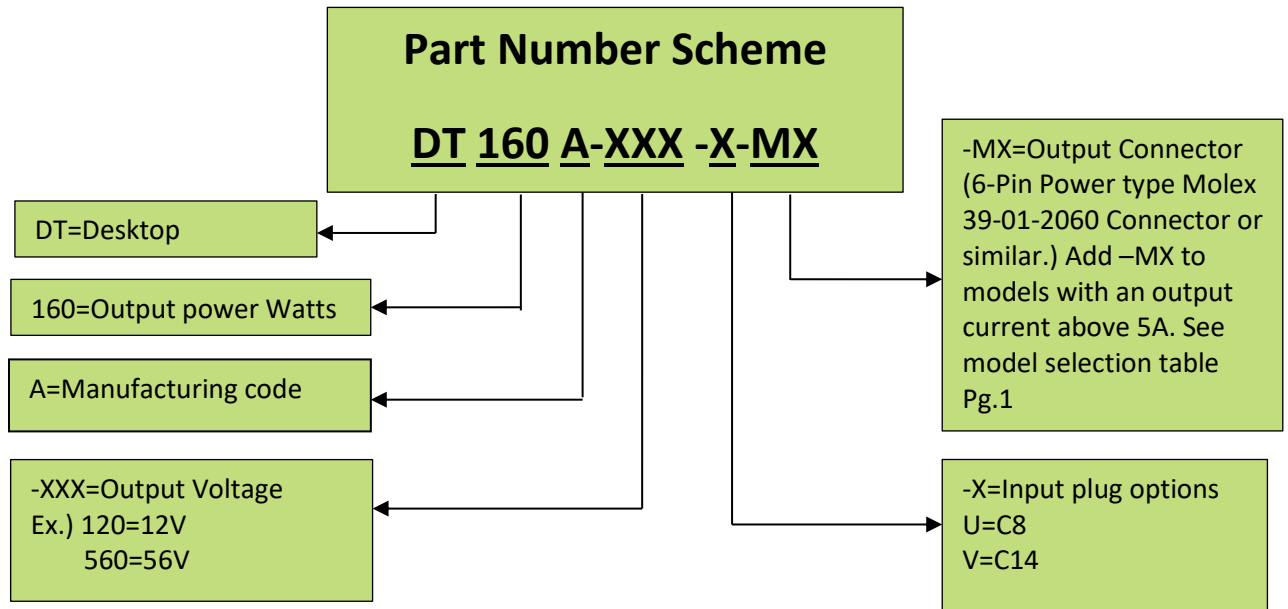
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■ **Derating Curve**





***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.**