



■ Features

- Single output to 120W
- 100-240Vac Universal input
- IEC62368-1 approval
- Efficiency Level VI
- SCP, OVP, OCP, and OTP
- 2-year warranty
- Dimensions: 166x66x40mm



■ Application

- Industrial Grade equipment

■ Model List

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

Custom Designs Available!

Model	Output Voltage	Output Current	Output Power
DT120A-120-X-XX*	12V	9A	108W
DT120A-150-X-XX*	15V	8A	120W
DT120A-180-X-XX*	18V	6.6A	120W
DT120A-190-X-XX*	19V	6.32A	120W
DT120A-240-X-XX*	24V	5A	120W
DT120A-360-X-XX	36V	3.34A	120W
DT120A-480-X-XX	48V	2.5A	120W
DT120A-560-X-XX	56V	2.14A	120W

*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	4000Vac Primary-Secondary
Leakage Current	<100μA
Efficiency	Energy Star Level V, ErP Stage 2 Certified
MTBF	300,000 calculated hours at 25°C, by Telcordia SR-332

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■ Technical Data(cont.)

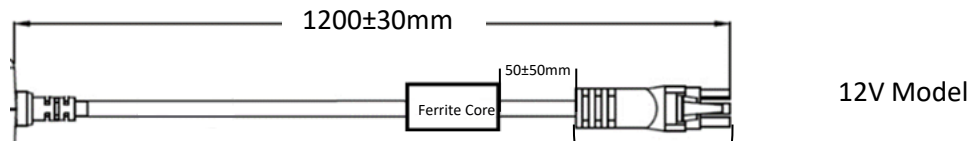
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to 80 °C
Relative Humidity Operating:	20 to 80% RH
DC Cord	18AWG/16AWG/14AWG
Relative Humidity Storage	10 to 90% RH
Cooling	Natural Convection Cooling
Case Dimension	166x66x40mm
Weight	600g(typ.)
Molex Plug	6-Pin Housing Molex 39-01-2060 Connector 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.

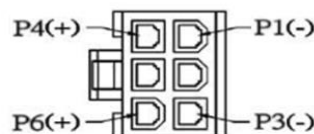
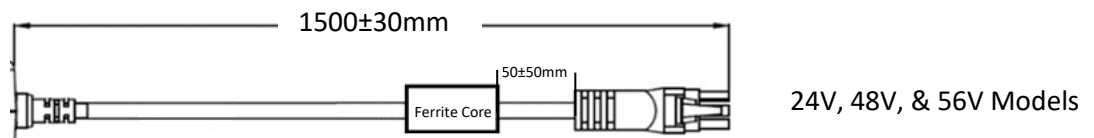
■ Safeties/EMI

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.

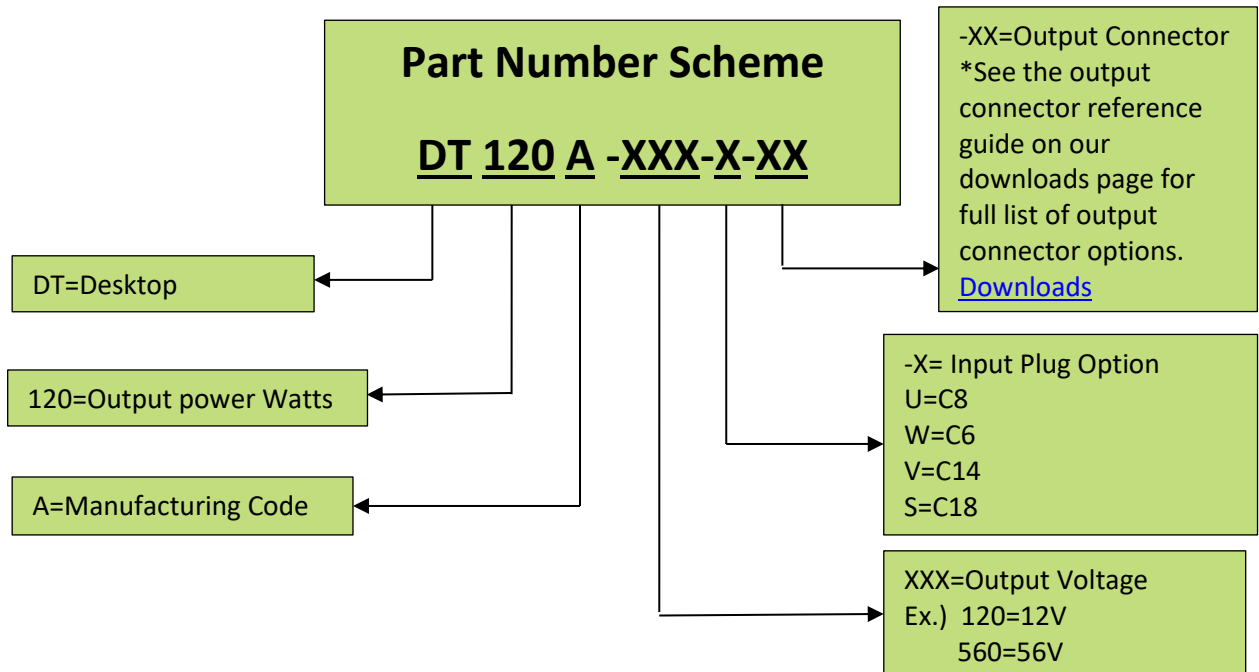
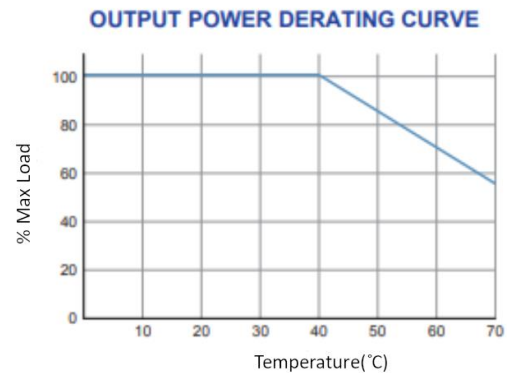
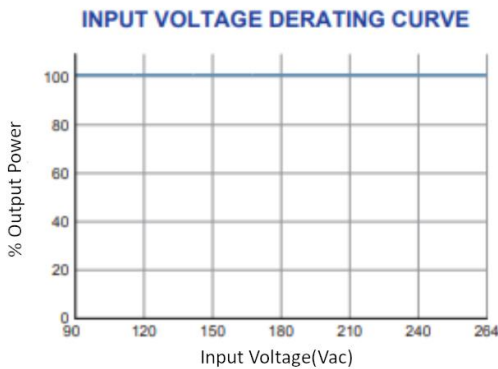


Output Cable Plug Pin Assignment

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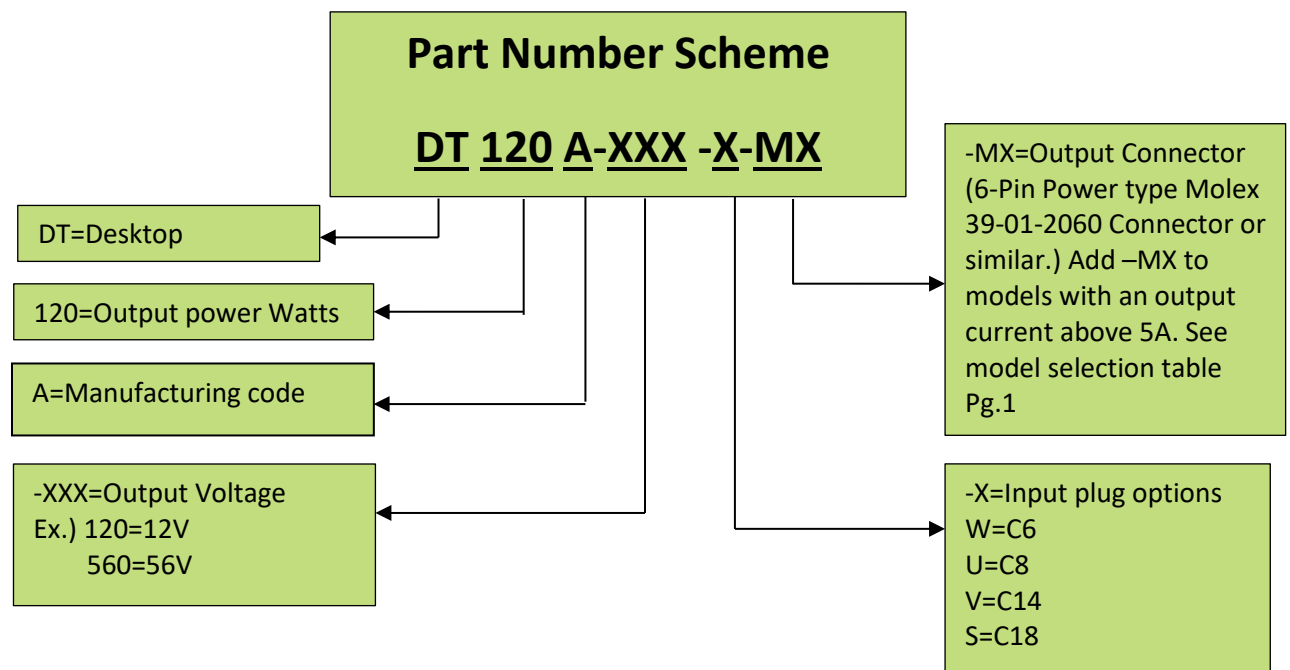
■ Derating Curve



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***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.**