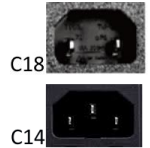


■ Features

- Single output from 288-300W
- 100-240Vac Universal input
- IEC62368-1 approval
- Gallium Arsenic Nitrate FET technology
- Efficiency Level VI
- High Power Density: 9W/in³
- Smallest Footprint
- With 250kHz Switching Frequency
- SCP, OVP, OCP, and OTP
- 1-year warranty
- Dimensions: 183x85x35mm



*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
DT300AG-120-X-XX*	12V	24A	288W
DT300AG-150-X-XX*	15V	20A	300W
DT300AG-190-X-XX*	19V	15.79A	300W
DT300AG-240-X-XX*	24V	12.5A	300W
DT300AG-480-X-XX*	48V	6.25A	300W
DT300AG-560-X-XX*	56V	5.36A	300W

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

■ Technical Data

Voltage	100-240Vac
Line Frequency	50-60Hz
Input Current	1.3-3.9A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/ C18, C14
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
DC Cord	UL2095/UL2464/16AWG/18AWG

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■ Technical Data(cont.)

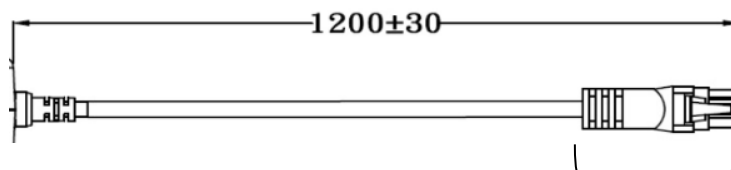
Ferrite Core	Yes(Optional)
Dielectric Withstand	4000Vac Primary-Secondary
Touch Current	<100μA
Efficiency	95% Energy Star Level VI, ErP Stage 2 Certified, CoC Tier 2, NRCan & GEMS Certified
MTBF	300,000 calculated hours at 25°C, by Telcordia SR-332
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to 80 °C
Relative Humidity Operating:	20 to 80% RH
Relative Humidity Storage	10 to 90% RH
Cooling	Natural Convection Cooling
Case Dimensions	183x85x35mm
Weight	1000g
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.

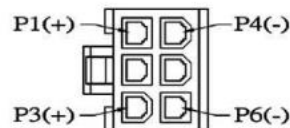
■ Safeties/EMI

Safety Standard	IEC62368-1, IEC 60950-1
EMC Standards	EN55032/EN55011
	EN61000-3-2,3
	EN55024/EN61000-4-2,3,4,5,6,8,11

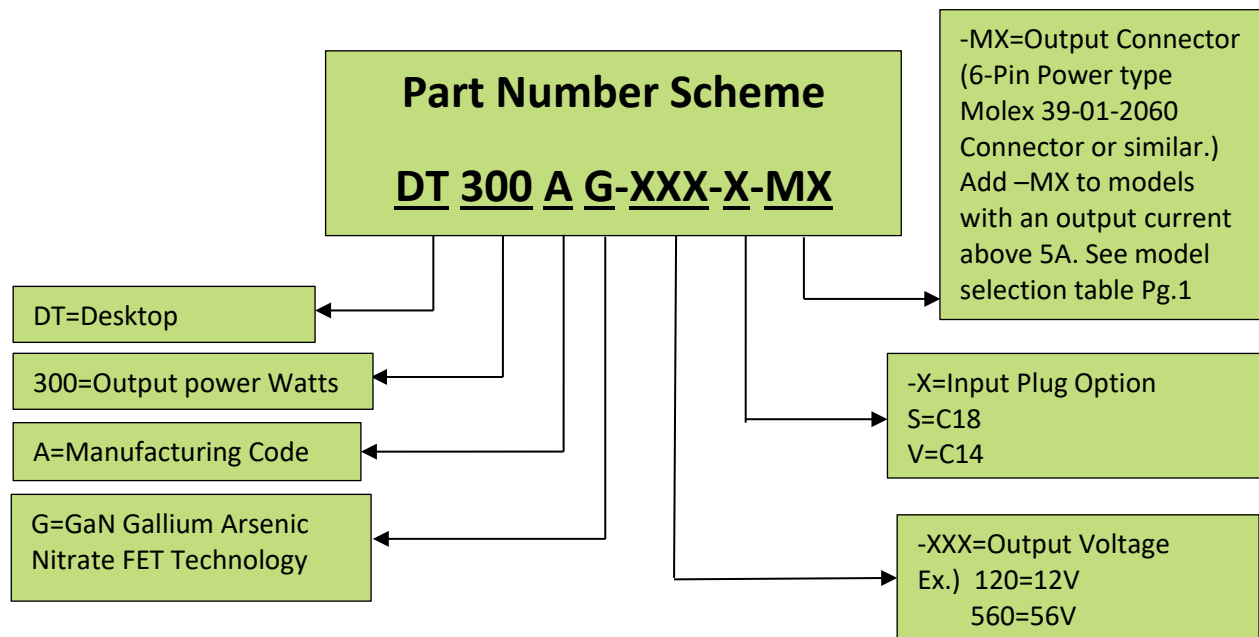
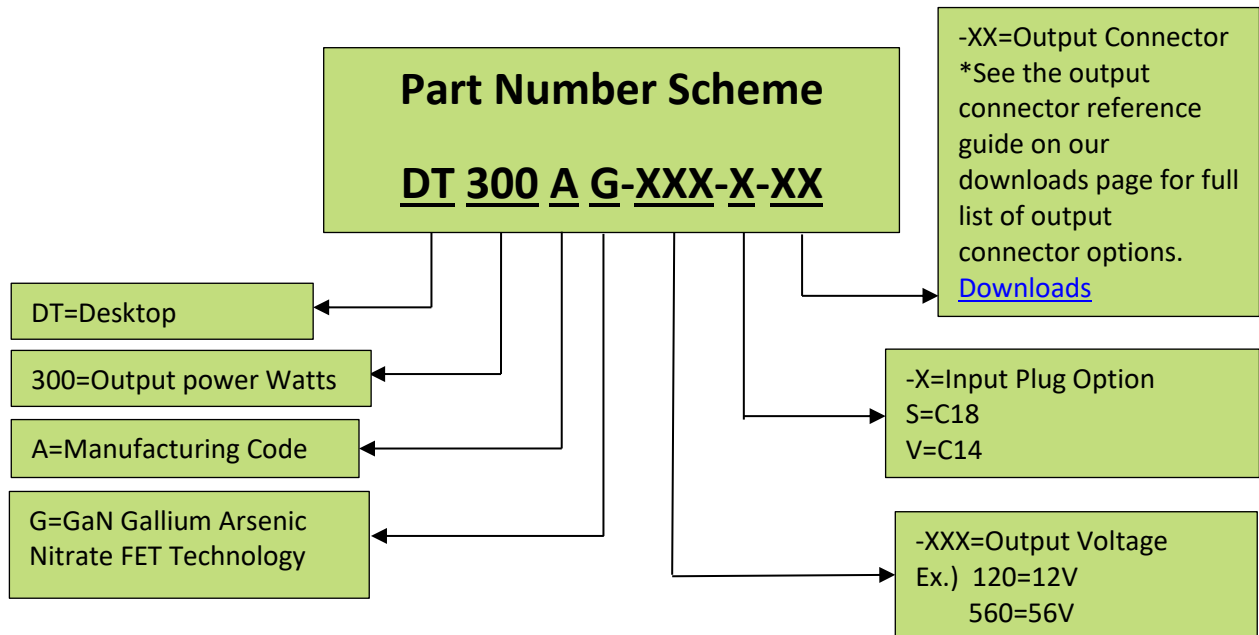
■ DC Output Cable Mechanical Diagram



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



Output Cable Plug Pin Assignment



***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.**

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