

■ Features

- Single output from 20-24W
- 100-240Vac Universal input
- Certificates: UL, cUL, CE
- SCP, OCP, OTP, and OVP
- Efficiency Level VI
- MTBF: 300,000 hours
- Dimensions C6 & C14: 100x50x33mm
- Dimensions C8: 88x50x34mm
- 1 year Warranty



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

■ Application

- Consumer electronics and office equipment
- Industrial equipment

Custom Designs Available!

■ Model List

Model	Output Voltage	Output Current	Power	Certificates
DT024A-050-X-XX	5V	4A	20W	UL, cUL, CE
DT024A-060-X-XX	5.9V	3.5A	20.65W	UL, cUL, CE
DT024A-061-X-XX	5.9V	4A	23.6W	UL, cUL, CE
DT024A-070-X-XX	7V	3A	21W	UL, cUL, CE
DT024A-075-X-XX	7.5V	3A	22.5W	UL, cUL, CE
DT024A-090-X-XX	9V	2.5A	22.5W	UL, cUL, CE
DT024A-120-X-XX	12V	2A	24W	UL, cUL, CE
DT024A-150-X-XX	15V	1.6A	24W	UL, cUL, CE
DT024A-240-X-XX	24V	1A	24W	UL, cUL, CE
DT024A-480-X-XX	48V	0.5A	24W	UL, cUL, CE

■ Technical Data

Input Voltage	100-240Vac
Line Frequency	50-60Hz
Input Current	0.58A(Max.)
Input Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C8, 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
DC Cord	22AWG/20AWG/18AWG/16AWG
Ferrite Core	Optional
Over Voltage Protection	V out *120-150% Max.
Short Circuit Protection	Shut down

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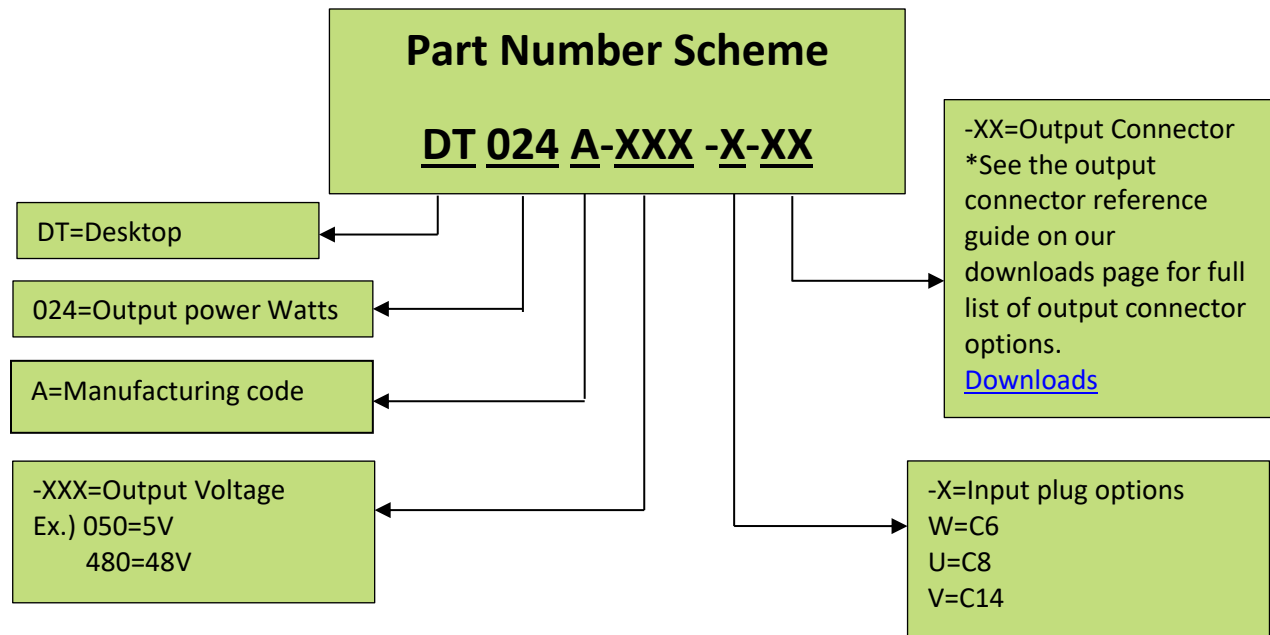
■ Technical Data(cont.)

Over Current Protection	I out *120-150% Max.
Over Temp. Protection	Latch Protection
Dielectric Withstand	3,000Vac Primary-Secondary
Topology	Switching Flyback
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS Level VI 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
Operating Relative Humidity	20 to 80% RH
Storage Relative Humidity	10 to 90% RH
Cooling	Natural Convection Cooling
Case Dimensions	C6, C14 100x50x33mm, C8 88x50x34mm
Weight	166g
Material Flammability	UL94V-0

Note: When Over Current Protection is activated, the power supply will shutdown 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.

■ Safety Approvals

Safety Standard	IEC62368-1
EMI Conduction & Radiation	Compliance to IEC55032 Class B
Harmonic Current	Compliance to EN61000-3-2-,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11



***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.**