

■ Features

- Single output from 20-24W
- 100-240Vac Universal input
- Safety Agency Requirements and EMI/EMS Certified
- Efficiency Level VI
- SCP, OCP, OTP, and OVP
- MTBF: 300,000 hours
- Certificates: UL, cUL, CE
- 1-Year warranty



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

■ Application

- Consumer electronics and office equipment
- Industrial equipment

■ Model List

Custom Designs Available!

Model	Output Voltage	Output Current	Power	Certificates
DT012S-050-X-XX	5V	2.4A	12W	UL, cUL, CE
DT012S-060-X-XX	6V	2A	12W	UL, cUL, CE
DT012S-120-X-XX	12V	1A	12W	UL, cUL, CE
DT012S-240-X-XX	24V	0.5A	12W	UL, cUL, CE

■ Technical Data

Voltage	100-240Vac
Line Frequency	50-60Hz
Current	0.58A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C8
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
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
Ferrite Core	No(optional)
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCan & GEMS Level VI Certified
Operating Temperature	0-+40°C
Storage Temperature	-20-+80 °C

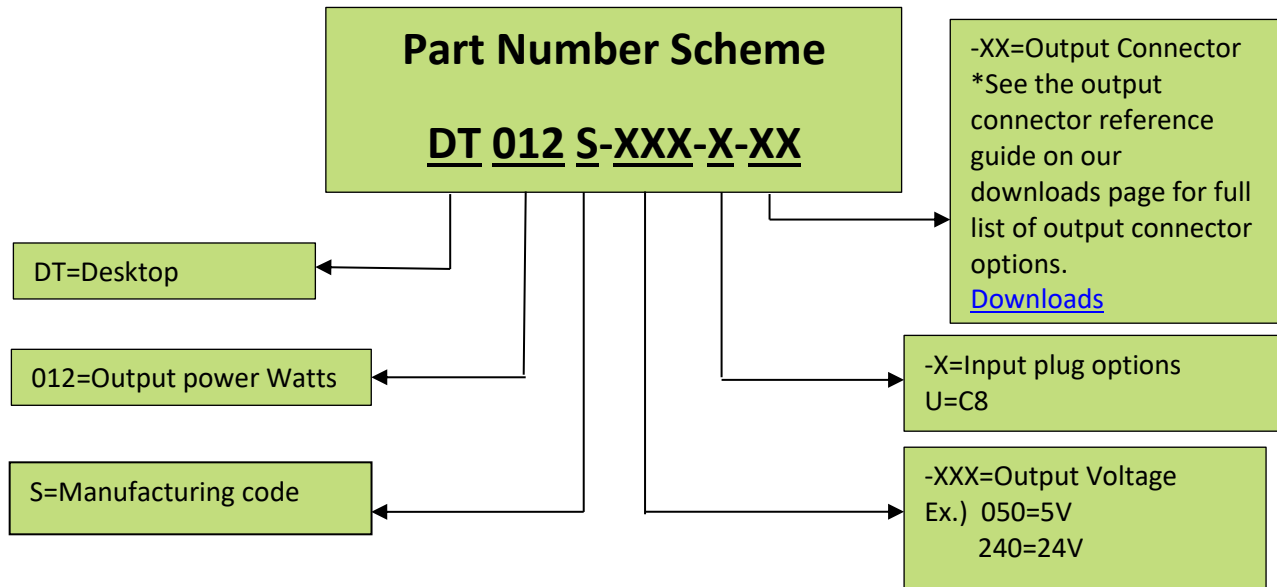
■ **Technical Data(cont.)**

Relative Humidity Operating	20-80% RH
Relative Humidity Storage	10-90% RH
Cooling	Natural Convection Cooling
Case Dimension	TBD
Weight	TBD

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.

■ **Safety and EMC**

Dielectric Withstand	3000Vac Primary-Secondary
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
MTBF	300,000 Calculated hours at 25°C, by Telcordia SR-332



**\*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.**