

**■ Features**

- Single output from 25-36W
- 100-240Vac Universal input
- ANSI/AAMI/IEC/EN ES60601-1 (edition 3.1)
- EMC: IEC6061-1-2:2014 (edition 4.0)
- IEC 60950 approval
- Limited Power Source (LPS) per IEC60601-1
- Means of Protection: 2 x MOPP
- Efficiency Level VI
- SCP, OVP, OCP, and OTP
- 2-year warranty
- Dimension: 100\*50\*33mm



**RoHS** **Compliant**



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

**■ Application**

- Medical equipment

**Custom Designs Available!**

**■ Model List**

Model	Output Voltage	Output Current	Power
DT-M036-050-X-XX	5V	5A	25W
DT-M036-075-X-XX	7.5V	4A	30W
DT-M036-090-X-XX	9V	4A	36W
DT-M036-120-X-XX	12V	3A	36W
DT-M036-150-X-XX	15V	2.4A	36W
DT-M036-180-X-XX	18V	2A	36W
DT-M036-240-X-XX	24V	1.5A	36W

\*Available input plug options are: U=C8, W=C6, V=C14, S=C18

**■ Technical Data**

Voltage	100-240Vac
Line Frequency	50-60Hz
Current	1A-0.45A
Protection	Internal Primary Current Fuse
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	Switching Flyback
Over Voltage Protection	V out *120-150% Max.
Short Circuit Protection	Shut down
Over Temperature Protection	Latch Protection

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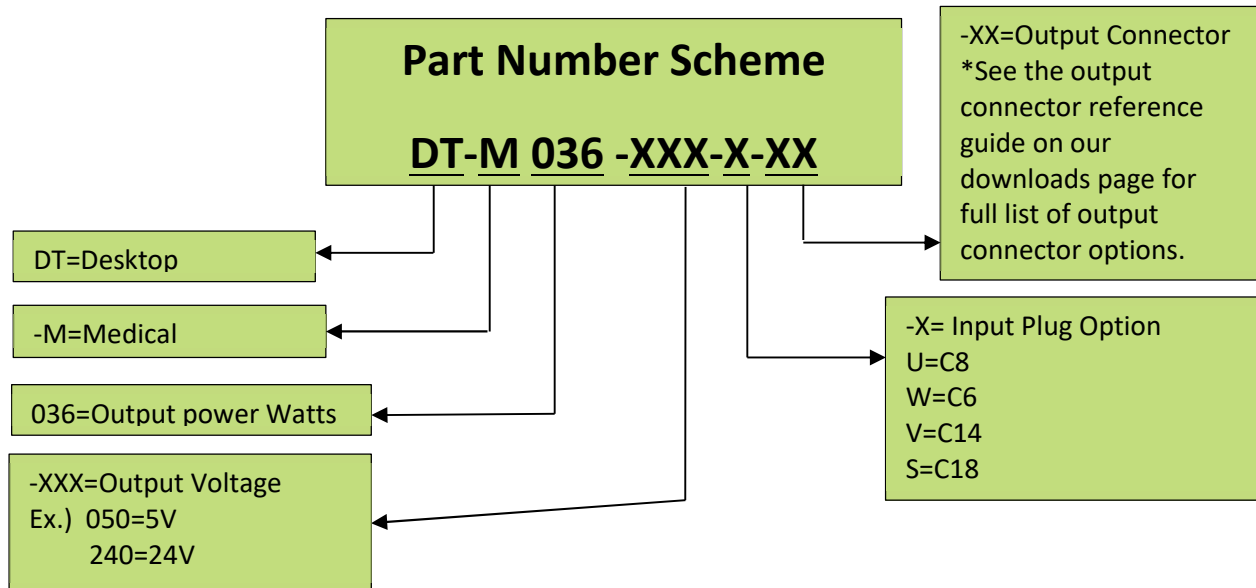
■ **Technical Data(cont.)**

Dielectric Withstand	4000Vac Primary-Secondary
Leakage Current	<100µA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2 & NRCan 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 Dimension	L 100x W 50x H 33mm
Weight	210g

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**

EMI Conduction and Radiation	Compliance to EN55011 Class B
Limited Power Source (LPS)	per IEC60601-1
Safeties	UL/cUL/ CE
Harmonic Current	Compliance to ENC61000-3-2,3
EMS Immunity	EN61000-4-2,3,4,5,6,8,11



\*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.