

■ Features

- Single output from 60-65W
- 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: 119*60*36mm



RoHS Compliant



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

■ Application

- Medical equipment

■ Model List

Custom Designs Available!

Model	Output Voltage	Output Current	Power
DT-M065-120-X-XX	12V	5A	60W
DT-M065-150-X-XX	15V	4.34A	65W
DT-M065-180-X-XX	18V	3.62A	65W
DT-M065-190-X-XX	19V	3.43A	65W
DT-M065-240-X-XX	24V	2.71A	65W
DT-M065-300-X-XX	30V	2.17A	65W
DT-M065-360-X-XX	36V	1.81A	65W
DT-M065-480-X-XX	48V	1.36A	65W

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

■ Technical Data

Voltage	100-240Vac
Line Frequency	50-60Hz
Input Current	1.6A-0.7A
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C8, C14, C18
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	Switching Flyback
Over Voltage Protection	V out *120-150% Max.
Short Circuit Protection	Shut down

Technical Sales / Customer Service: +1-818-338-7788 • Email: sales@autec.com
 31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • www.autec.com

June 18, 2021

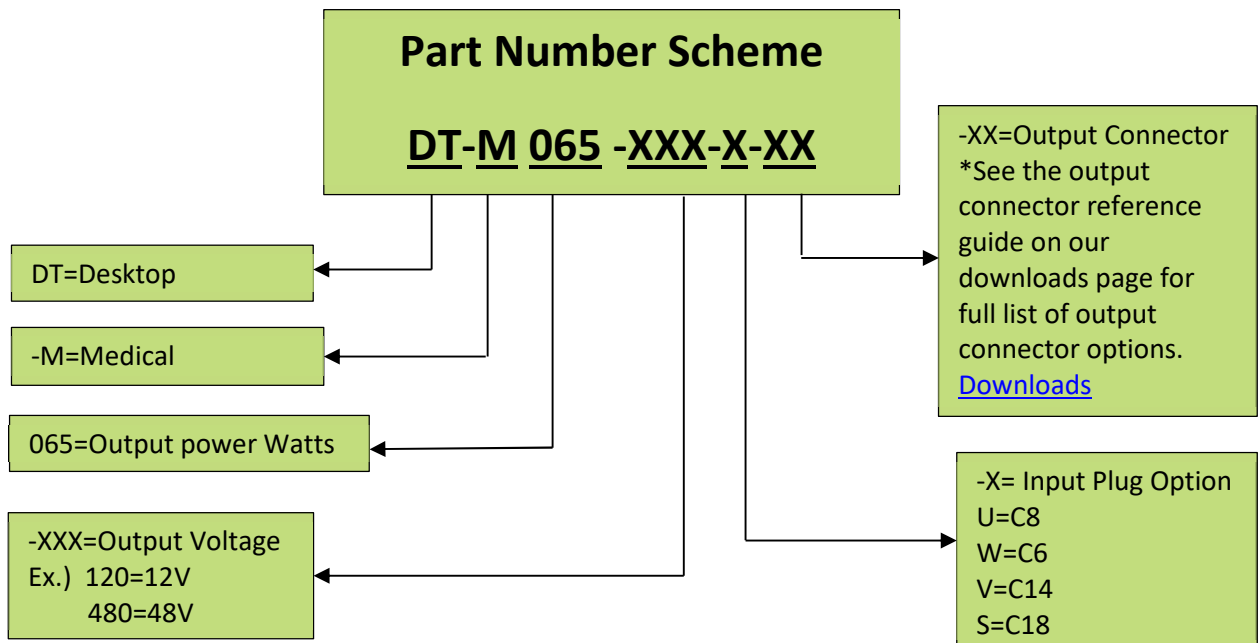
■ Technical Data(cont.)

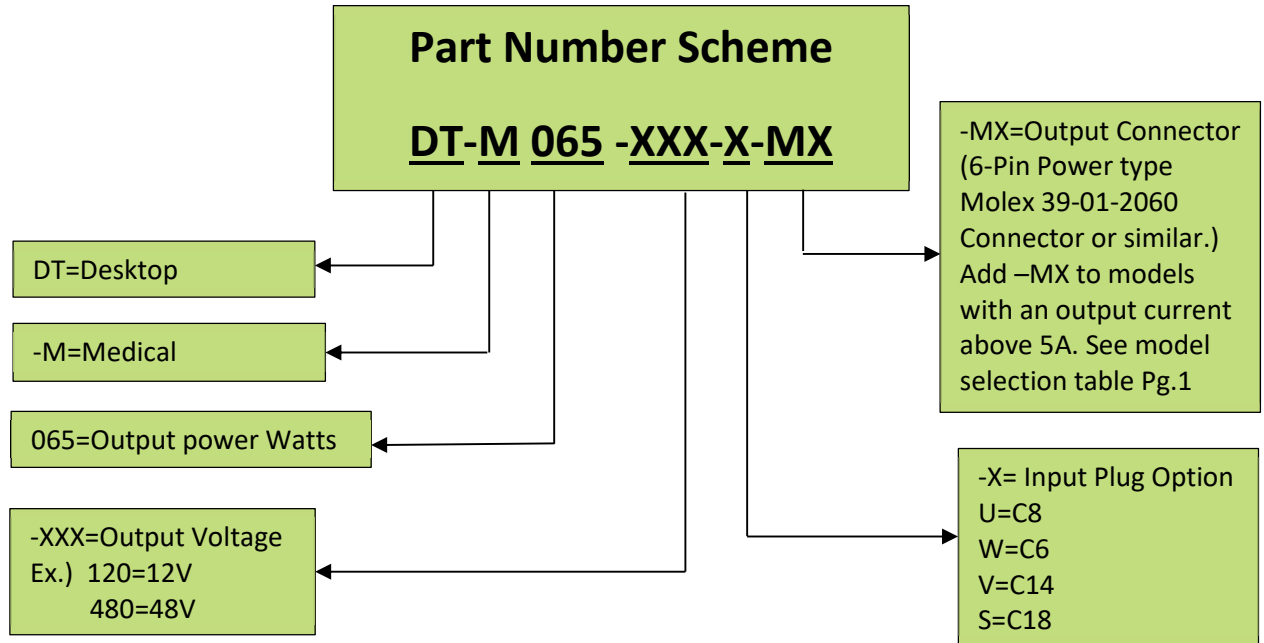
Over Current Protection	I out *120-150% Max.
Over Temperature Protection	Latch Protection
Dielectric Withstand	4000Vac Primary-Secondary
Leakage Current	<100µA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2 Certified
MTBF	300,000 calculated hours at 25°C, by Telcordia SR-332
Operating Temperature	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 119xW 60x H 36
Weight	350g

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!**

***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.**