

FEATURES

- Variety of outputs from 5VDC to 48VDC
- 36W Single Output
- Universal Input
- Class I & II
- Safety Approved UL60601-1, EN60601-1 3rd Edition
- CE Compliant
- High Efficiency

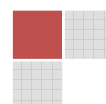
36W Medical Adapter

DTM36 Series



SPECIFICATION

	Model	DTM36-05-YZZZZ	DTM36-09-YZZZZ	DTM36-12-YZZZZ	DTM36-15-YZZZZ	DTM36-18-YZZZZ	DTM36-20-YZZZZ	
Output	Voltage	5V	9V	12V	15V	18V	20V	
	Current Range	0 ~ 5A	0 ~ 3.33A	0 ~ 3A	0 ~ 2.4A	0 ~ 2A	0 ~ 1.8A	
	Rated Power	25W	30W	36W	36W	36W	36W	
	Ripple & Noise (Max) (1)	120 mVp-p	120 mVp-p	120 mVp-p	150 mVp-p	180 mVp-p	200 mVp-p	
	Voltage Adjustment Range	± 5%						
	Voltage Tolerance	±5%						
	Line Regulation (2)		±1%					
	Load Regulation (3)	6%	5%	5%	5%	5%	5%	
	Setup, Rise Time		All output shall reach their steady state values within 3 Sec. of turn on					
	Hold Time		16mS min.					
Input	Voltage		90V ~ 264VAC					
	Frequency		47Hz / 63Hz					
	Efficiency (Typ. @ 115V AC)	79%	80%	80%	80%	85%	85%	
	AC Current (max.)		1.0A @ 120VAC					
	Inrush Current (max.)		Will not exceed 30A / 115VAC, Cold Start, 25°C					
	Leakage Current		<250 uA					
	Protection	Over- Current Protection		110%-150% rated output power				
Protection type : Hiccup mode, recovers automatically after fault condition is removed								
Over voltage protection		130%-150% (set point) Protection type : Latching, recovers after AC is recycled						
Environmental	Temperature Range		Operational	0°C ~ +40°C				
			Storage	- 40 ~ +80°C				
	Working Humidity		Operational	20 ~ 90% RH non-condensing				
			Storage	5 ~ 90% R.H				
	Temperature Coefficient		±0.05%/°C typical on all outputs					
	Vibration		1.0mm, 10 –25Hz, 15 minutes per cycle for each axis (X, Y, Z)					

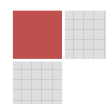


Model		DTM36-05-YZZZZ	DTM36-09-YZZZZ	DTM36-12-YZZZZ	DTM36-15-YZZZZ	DTM36-18-YZZZZ	DTM36-20-YZZZZ
Safety & EMC	Safety Standards	UL (60601-1 3 rd edition) , cUL, DEMKO, CE and CB					
	Withstand Voltage	I/P - O/P: 3KVAC (4242 DC), 10mA for 1 minute					
	Isolation Resistance	I/P - O/P: 50M Ohms / 500VDC and I/P - case: 10M Ohms / 500VDC					
	EMI Conduction & Radiation	EN55011 , FCC Class B					
	EMS Immunity	EN61204, EN61000-3-2, EN61000-3-3, EN61000-4-5					
Others	MTBF	300K HRS Compliance: MIL-HDBK-217F					
	Dimension (L*W*H)	110.5*53*30.5 (mm) - 4.35*2.08*1.2 (inch) / 117*53*30.5 (mm) - 4.6*2.08*1.2 (inch) (case with C14 I/P connector)					
	No Load Power consumption	0.5W Max. @ 230VAC input. There is an LED power on indicator.					
	Weight	320 g - 0.71Lb					

SHIPPING SPECIFICATIONS

Series	UNITSP PER CARTON	CARTON WEIGHT	
DT-M36	12.0	14.11 Kgs	31.11 Lbs

INDIVIDUL BOX DIEMENSION		WIDTH	LENGTH	HEIGHT
Series	Inch	5.12	8.66	3.15
DT-M36	MM	130.0	220.0	80.0



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- High Efficiency
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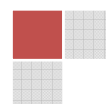
36W Medical Adapter

DTM36 Series



SPECIFICATION

Model		DTM36-21-YZZZZ	DTM36-24-YZZZZ	DTM36-28-YZZZZ	DTM36-32-YZZZZ	DTM36-36-YZZZZ	DTM36-48-YZZZZ	
Output	Voltage	21V	24V	28V	32V	36V	48V	
	Current Range	0 ~ 1.71A	0 ~ 1.5A	0 ~ 1.28A	0 ~ 1.125A	0 ~ 1A	0 ~ 0.75A	
	Rated Power	36W	36W	36W	36W	36W	36W	
	Ripple & Noise (Max) (1)	210 mVp-p	240 mVp-p	280 mVp-p	320 mVp-p	360 mVp-p	480 mVp-p	
	Voltage Adjustment Range	± 5%						
	Voltage Tolerance	±5%						
	Line Regulation (2)		±1%					
	Load Regulation (3)	5%	3%	3%	3%	3%	3%	
	Setup, Rise Time		All output shall reach their steady state values within 3 Sec. of turn on					
	Hold Time		16mS min.					
Input	Voltage		90V ~ 264VAC					
	Frequency		47Hz / 63Hz					
	Efficiency (Typ. @ 115V AC)	85%	85%	85%	85%	85%	85%	
	AC Current (max.)		1.0A @ 120VAC					
	Inrush Current (max.)		Will not exceed 30A / 115VAC, Cold Start, 25°C					
	Leakage Current		<250 uA					
Protection	Over- Current Protection		110%-150% rated output power					
			Protection type : Hiccup mode, recovers automatically after fault condition is removed					
Environmental	Over voltage protection		130%-150% (set point) Protection type : Latching, recovers after AC is recycled					
			Temperature Range		Operational	0°C ~ +40°C		
			Storage	- 40 ~ +80°C				
	Working Humidity		Operational	20 ~ 90% RH non-condensing				
			Storage	5 ~ 90% R.H				
	Temperature Coefficient		±0.05%/°C typical on all outputs					
Vibration		1.0mm, 10 –25Hz, 15 minutes per cycle for each axis (X, Y, Z)						

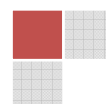


Model		DTM36-21-YZZZZ	DTM36-24-YZZZZ	DTM36-28-YZZZZ	DTM36-32-YZZZZ	DTM36-36-YZZZZ	DTM36-48-YZZZZ
Safety & EMC	Safety Standards	UL (60601-1 3 rd edition) , cUL, DEMKO, CE and CB					
	Withstand Voltage	I/P - O/P: 3KVAC (4242 DC), 10mA for 1 minute					
	Isolation Resistance	I/P - O/P: 50M Ohms / 500VDC and I/P - case: 10M Ohms / 500VDC					
	EMI Conduction & Radiation	EN55011 , FCC Class B					
	EMS Immunity	EN61204, EN61000-3-2, EN61000-3-3, EN61000-4-5					
Others	MTBF	300K HRS Compliance: MIL-HDBK-217F					
	Dimension (L*W*H)	110.5*53*30.5 (mm) - 4.35*2.08*1.2 (inch) / 117*53*30.5 (mm) - 4.6*2.08*1.2 (inch) (case with C14 I/P connector)					
	No Load Power consumption	0.5W Max. @ 230VAC input. There is an LED power on indicator.					
	Weight	320 g - 0.71Lb					

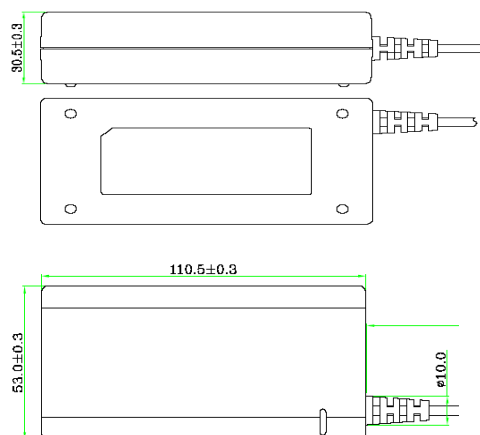
SHIPPING SPECIFICATIONS

Series	UNITSP PER CARTON	CARTON WEIGHT	
DT-M36	12.0	14.11 Kgs	31.11 Lbs

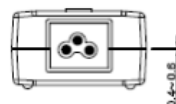
INDIVIDUL BOX DIEMENSION		WIDTH	LENGTH	HEIGHT
Series	Inch	5.12	8.66	3.15
DT-M36	MM	130.0	220.0	80.0



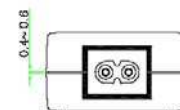
SPECIFICATION



C6 Inlet
DTM36-xx-1zzzz



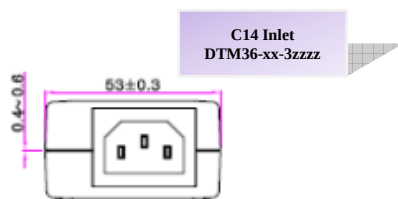
C8 Inlet
DTM36-xx-2zzzz



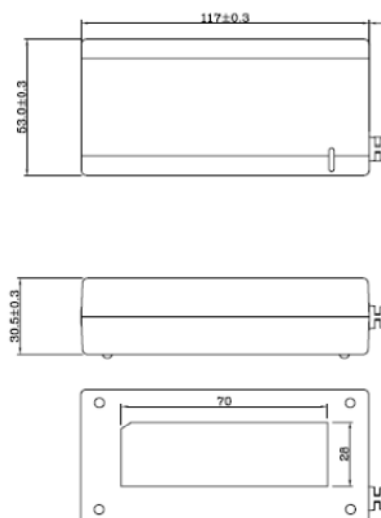
Several output connectors available, please consult with one of our staff for help.

AC Power cord is not included but available upon request.

Output Cable: 72 inches 20AWG X 2C, black IJ1.2464



C14 Inlet
DTM36-xx-3zzzz



DTM 36 – XX – YZZZZ

Series

Output Power

Output Voltage Number

Input Connector Type: C6=1, C8=2, C14=3

Any alphanumeric character for different output connector type (you can choose from the plug list) and any special changes

NOTES:

1. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
2. Line regulation is measured from low line to high line at full load.
3. Load regulation is measured from 20% to 100% rated load.
4. Specification subject to change without notice.

