

## MTWA26 SERIES



## 25W Multi-Plug Wall Mount for I.T. Equipment

- Wide Input Voltage 90 to 264 VAC, 47 to 63Hz
- Interchangeable AC plug(USA, UK, Europe, Australia)
- Output Voltage Available From 5VDC Thru 48VDC
- Single Output
- Class II Insulation (Double Insulation)
- Energy Star 2.0, CEC V, and RoHS compliance

1 Year Warranty

Approvals:     

### Single Output

Product Number	Output Voltage	Max. Output Current	Total Regulation	Maximum Output Power
MTWA26-S02	5 ~ 6 VDC	3.30 ~ 2.75 A	5%	16.5W
MTWA26-S03	6 ~ 8 VDC	3.33 ~ 2.50 A	5%	20W
MTWA26-S04	8 ~ 11 VDC	2.75 ~ 2.00 A	5%	22W
MTWA26-S05	11 ~ 13 VDC	2.27 ~ 1.92 A	5%	25W
MTWA26-S06	13 ~ 16 VDC	1.92 ~ 1.56 A	5%	25W
MTWA26-S07	16 ~ 21 VDC	1.56 ~ 1.19 A	5%	25W
MTWA26-S08	21 ~ 27 VDC	1.19 ~ 0.92 A	3%	25W
MTWA26-S09	27 ~ 33 VDC	0.92 ~ 0.75 A	3%	25W
MTWA26-S10	33 ~ 40 VDC	0.75 ~ 0.62 A	3%	25W
MTWA26-S11	40 ~ 48 VDC	0.62 ~ 0.52 A	2%	25W

The total regulation on S02~S06 required to use AWG#16x2C/4FT output cable.

The total regulation on S07~S11 required to use AWG#18x2C/4FT output cable.

The regulation and efficiency will be changed by modified output cable.

### Electrical Characteristics

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Input Voltage	Operating Voltage	90		264	VAC
Input Frequency		47		63	Hz
Output Power Range	Vin=100 to 240VAC	0		25	W
Input Current (Low Line)	Io=Full load, Vin=115VAC			0.4	A
Input Current (High Line)	Io=Full load, Vin=230VAC			0.25	A
Low Line Inrush Current	Io=Full load, 25°C, Cool start, Vin=115VAC		25	50	A
High Line Inrush Current	Io=Full load, 25°C, Cool start, Vin=230VAC		50	100	A
Efficiency	Io=Full Load, Vin=230VAC	77	82	85	%
Line Regulation	Io=Full Load		0.5	1	%
Load Regulation	Vin=230VAC		3	5	%
Over Voltage Protection		Nil			%
Over Current Protection	Nil But, Output protected to short circuit conditions				%
Transient Response	Io=Full Load to Half Load, Vin=100VAC			4	mS
Hold-Up Time	Io=Full Load, Vin=230VAC	8			mS
Start Up Time	Io=Full Load, Vin=100VAC		2	3	S
Ripple & Noise (Peak to Peak)	Full Load, Vin=90VAC		0.5	1	%
Temperature Coefficient	All output	-0.04		0.04	%/°C
No-load Power Consumption	No load, Vin=240VAC		0.25	0.3	W

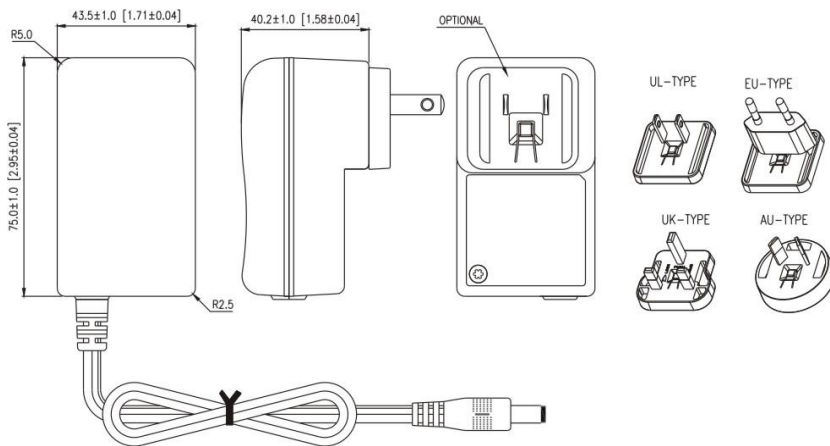
## Conditions

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
Operating Temperature		0	40	70	°C
Storage Temperature		-40		85	°C
Relative Humidity	No-Condensing	5		95	%
Operating Temperature at 25°C, Calculated per MIL-HDBK-217F		0.1M			Hrs
De-rate linearly from 100 % load at 40°C to 50 % load at 70°C					

## Approvals and Compliance

Parameter	Test Conditions	Min.	Unit
Dielectric Withstanding Voltage for Primary to secondary	Primary to secondary	4242	VDC
Isolation Resistance	Test Voltage= 500VDC	50	MΩ
EMI requirements for CISPR-22	Vin=220VAC	B	CLASS
EMI requirements for FCC PART-15	Vin=110VAC	B	CLASS

## Mechanical and PIN out



**Note:**

1. Dimensions are shown in mm.
2. Weight: 200g approx.
3. Optional output connector.