



# L.T.F. Low Voltage Electronic Power Supply



## 300W 12V AC/DC TA300WA12, TU300WA12 Series & TA300WD12, TU300WD12 Series



Efficiency	higher than 85%
Power Factor	>98%
Case TC*	90C° Max
Protection	Input/ Output
Storage	-30°C/ +90°C
Humidity	95% RH max
IP Rating	IP 60
Dimming	ELV Dimmable



### FEATURES

- No load technology, works with both Halogen & LED AC loads \*\*
- Isolated output power per NEC and UL safety requirements
- UL recognized/listed Class 2 power supply, meet UL 2108 requirements
- Auto-reset; Short circuit, Overload and Thermal protection
- Soft start
- Dimmable
- Low profile, small compact design to fit in most enclosures

### ELECTRICAL SPECIFICATIONS

120V					
Model #	Input Voltage	Input Current	Output Voltage	Weight	Load Type
TA300WA12	120V AC 50/60Hz	2.5 A	12V AC	300g	Incandescent & Halogen Bulbs
TA300WD12	120V AC 50/60Hz	2.5 A	12V DC	300g	Incandescent & Halogen Bulbs
TA300WDS12	120V AC 50/60Hz	2.5 A	12V DC	300g	Incandescent & Halogen Bulbs
TA300WA12LED	120V AC 50/60Hz	2.5 A	12V AC	300g	AC LED Bulbs, Incandescent & Halogen Bulbs
TA300WD12LED	120V AC 50/60Hz	2.5 A	12V DC	300g	LED Strips, LED Bulbs, Incandescent & Halogen Bulbs
TA300WDS12LED	120V AC 50/60Hz	2.5 A	12V DC	300g	LED Strips, LED Bulbs, Incandescent & Halogen Bulbs

120V Remote					
Model #	Input Voltage	Input Current	Output Voltage	Weight	Load Type
TA300WA12RE	120V AC 50/60Hz	2.5 A	12V AC	773g	Incandescent & Halogen Bulbs
TA300WA12REO	120V AC 50/60Hz	2.5 A	12V AC	1097g	Incandescent & Halogen Bulbs
TA300WDS12RE	120V AC 50/60Hz	2.5 A	12V DC	773g	Incandescent & Halogen Bulbs
TA300WDS12REO	120V AC 50/60Hz	2.5 A	12V DC	1097g	Incandescent & Halogen Bulbs

\* Under confirmed thermal condition



120V Remote					
Model #	Input Voltage	Input Current	Output Voltage	Weight	Load Type
TA300WA12LEDRE	120V AC 50/60Hz	2.5 A	12V AC	773g	AC LED Bulbs, Incandescent & Halogen Bulbs
TA300WA12LEDREO	120V AC 50/60Hz	2.5 A	12V AC	1097g	AC LED Bulbs, Incandescent & Halogen Bulbs
TA300WDS12LEDRE	120V AC 50/60Hz	2.5 A	12V DC	773g	LED Strips, LED Bulbs, Incandescent & Halogen Bulbs
TA300WDS12LEDREO	120V AC 50/60Hz	2.5 A	12V DC	1097g	LED Strips, LED Bulbs, Incandescent & Halogen Bulbs

220-240V					
Model #	Input Voltage	Input Current	Output Voltage	Weight	Load Type
TU300WA12	220-240V AC 50/60Hz	1.36 A	12V AC	300g	Incandescent & Halogen Bulbs
TU300WD12	220-240V AC 50/60Hz	1.36 A	12V DC	300g	Incandescent & Halogen Bulbs
TU300WDS12	220-240V AC 50/60Hz	1.36 A	12V DC	300g	Incandescent & Halogen Bulbs
TU300WA12LED	220-240V AC 50/60Hz	1.36 A	12V AC	300g	AC LED Bulbs, Incandescent & Halogen Bulbs
TU300WD12LED	220-240V AC 50/60Hz	1.36 A	12V DC	300g	LED Strips, LED Bulbs, Incandescent & Halogen Bulbs
TU300WDS12LED	220-240V AC 50/60Hz	1.36 A	12V DC	300g	LED Strips, LED Bulbs, Incandescent & Halogen Bulbs

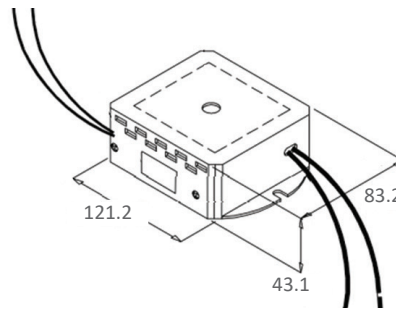
220-240V Remote					
Model #	Input Voltage	Input Current	Output Voltage	Weight	Load Type
TU300WA12RE	220-240V AC 50/60Hz	1.36 A	12V AC	773g	Incandescent & Halogen Bulbs
TU300WA12REO	220-240V AC 50/60Hz	1.36 A	12V AC	1097g	Incandescent & Halogen Bulbs
TU300WDS12RE	220-240V AC 50/60Hz	1.36 A	12V DC	773g	Incandescent & Halogen Bulbs
TU300WDS12REO	220-240V AC 50/60Hz	1.36 A	12V DC	1097g	Incandescent & Halogen Bulbs
TU300WA12LEDRE	220-240V AC 50/60Hz	1.36 A	12V AC	773g	Incandescent & Halogen Bulbs
TU300WA12LEDREO	220-240V AC 50/60Hz	1.36 A	12V AC	1097g	Incandescent & Halogen Bulbs
TU300WDS12LEDRE	220-240V AC 50/60Hz	1.36 A	12V DC	773g	LED Strips, LED Bulbs, Incandescent & Halogen Bulbs
TU300WDS12LEDREO	220-240V AC 50/60Hz	1.36 A	12V DC	1097g	LED Strips, LED Bulbs, Incandescent & Halogen Bulbs



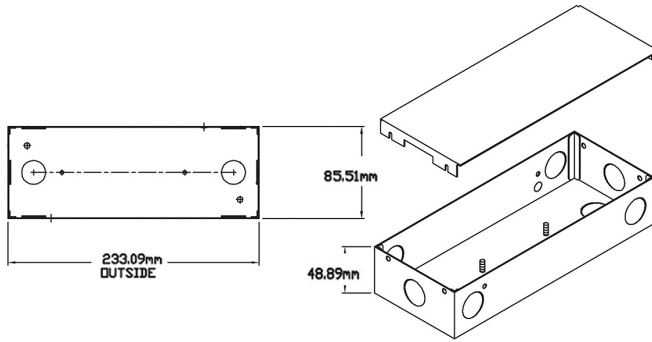
MECHANICAL SPECS. FOR AC PRODUCTS

Available Form Factors	Dimensions
Standard "E2"	121.2X83.2X43.1mm
"G2"	233.1X85.5X48.9mm
"G3"	280x103x56mm

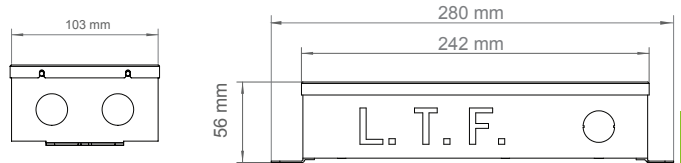
E2 - STANDARD



G2 - REMOTE(RE) MODELS ONLY



G3 - LED REMOTE (REO) MODELS ONLY

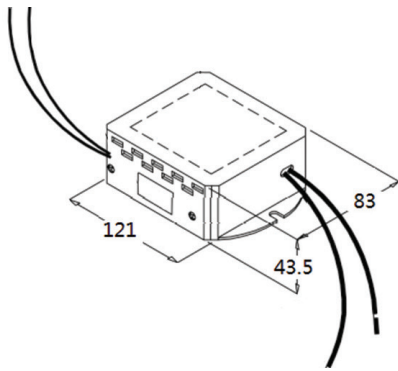




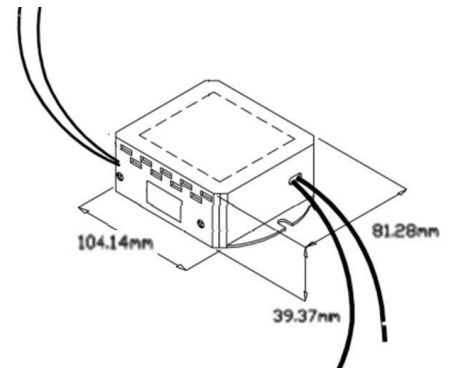
MECHANICAL SPECS. FOR ALL DC PRODUCTS

Available Form Factors	Dimensions
Standard "E4"	121X83X43.5mm
"E3"	104.1X81.3X39.4mm
"G2"	233.1X85.5X48.9mm
"G3"	280x103x56mm

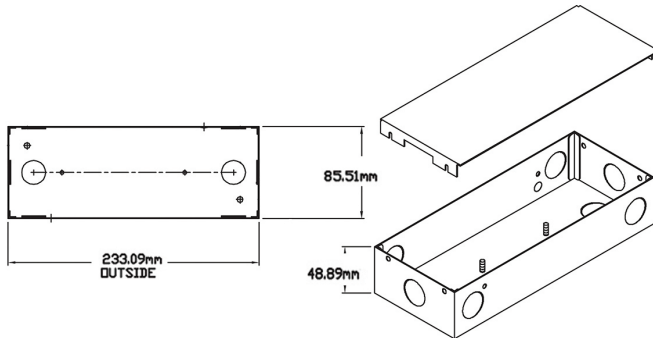
E4 - STANDARD



E3 - DS MODELS ONLY



G2 - REMOTE(RE) MODELS ONLY



G3 - LED REMOTE (REO) MODELS ONLY

