

48V PREMIUM TAGRA® PROFESSIONAL LED DRIVER, IP65, 600W

| SKU: TAG48V600WIP65



ULTRA LEDs



ultraleds.co.uk



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48V

IP65



TECHNICAL INFORMATION

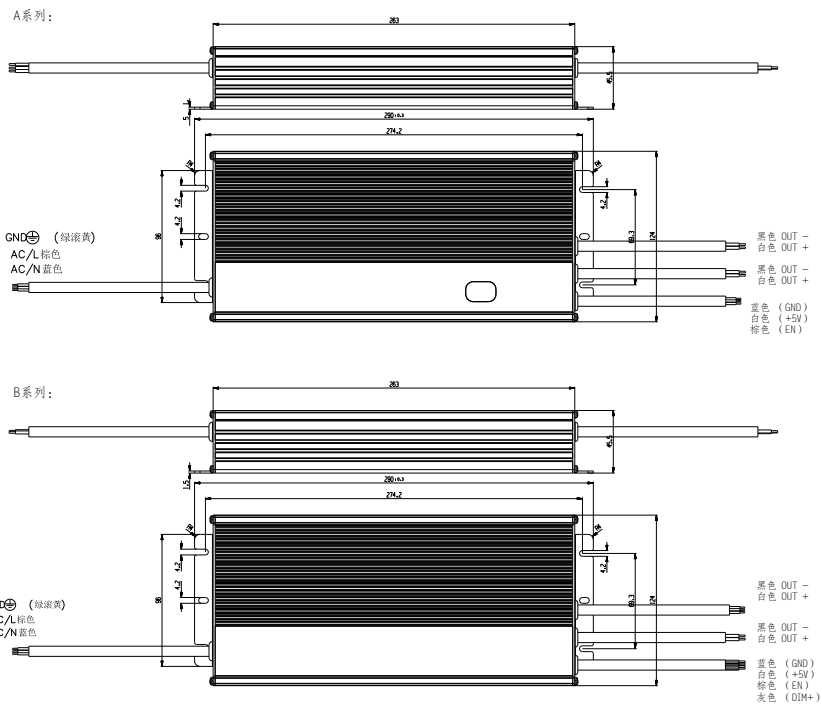
Specifications

Output	Voltage Adj. Range	40.8~50.4V DC
	Min Output Voltage	24V DC (min)
	Rated Voltage	48V
	Rated Current	12.5A
	Max Output Power	600W max
	Max Output Voltage	53V max
	Ripple & Noise	300mV (Vp-p)
	Current Adj. Range	6.2-12.5A
	Line Regulation	+/-1%
	Current Tolerance	+/-5%
	Load Regulation	+/-3%
	Setup, Rise Time	500mS, 30mS (180V 50Hz)
Hold Up Time	30mS (230V 50Hz), 10mS (115V 60Hz)	
Input	Voltage Range	108~305V AC
	Frequency Range	47~63Hz
	Power Factor	PF>0.95 (230V 50Hz), PF>0.98 (115V 50Hz)
	Efficiency	95.5%
	AC Current	3.0A/230V 50Hz, 6A/115V 60Hz
	Inrush Current	55A/230V (25°C)
	Leakage Current	0.7mA max (230V 50Hz)

FEATURES & BENEFITS

- Universal AC Input/ Full Range (Max 305VAC)
- IP65 Grade Metal Case
- Protections against: Short Circuit, Overload, Over Voltage, Over Temperature
- Built-in active PFC function
- Cooling by free air convection
- 100% aging test with full load
- Suitable for LED lighting and electronic word screen
- High Reliability
- Compliance to worldwide safety regulations for lighting
- 5 Year's Warranty

Protection	Over Current	1.1~1.6 times rated load (auto-recovery)
	Short Circuit	Hiccup mode, auto-recovery after short circuit removed
	Over Voltage	60V MAX - Protection mode: Turn off input voltage and restart
	Over Temperature	110°C+/-10°C - Protection mode: Turn off input voltage and restart when temp drop to normal
Environment	Working Temp.	-40°C~70°C
	Working Humidity	15~95% RH
	Storage Temp.	-40°C~80°C
	Temp. Coefficient	+/-0.05%/°C (-10°C~45°C)
	IP Rating	IP65
	Vibration	10~500Hz, 2G 10min./1 cycle, 30min. each along X,Y,Z axes
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13
	Withstand Voltage	I/P: -O/P: 5.3KV DC/50Hz 1min
	Isolation Resistance	I/P: -O/P, I/P-FG: 50M Ohm/500VDC/25°C/70% RH
	EMC Emission	EN55015. Fcc par 15 ClassB
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN55024; EN61547
	Harmonic	EN61000-3-2 CLASS C (100% load)
Other	MTBF	155Khrs MIL-HDBK-217F (50°C)
	Dimenions	290mm x 124mm x 45.5mm



DIMENSIONS