

ARPV-GT12100A (12V, 8.3A, 100W)

ARPV-GT24100A (24V, 4.2A, 100W)



FEATURES:

- IP67 design for indoor or outdoor installations
- Protections: Short circuit / Overload / Over temperature
- Cooling by free air convection
- 100% full load burn-in test
- Suitable for LED lighting
- Products through CE, RoHS Certification
- 2 years warranty

SPECIFICATION:

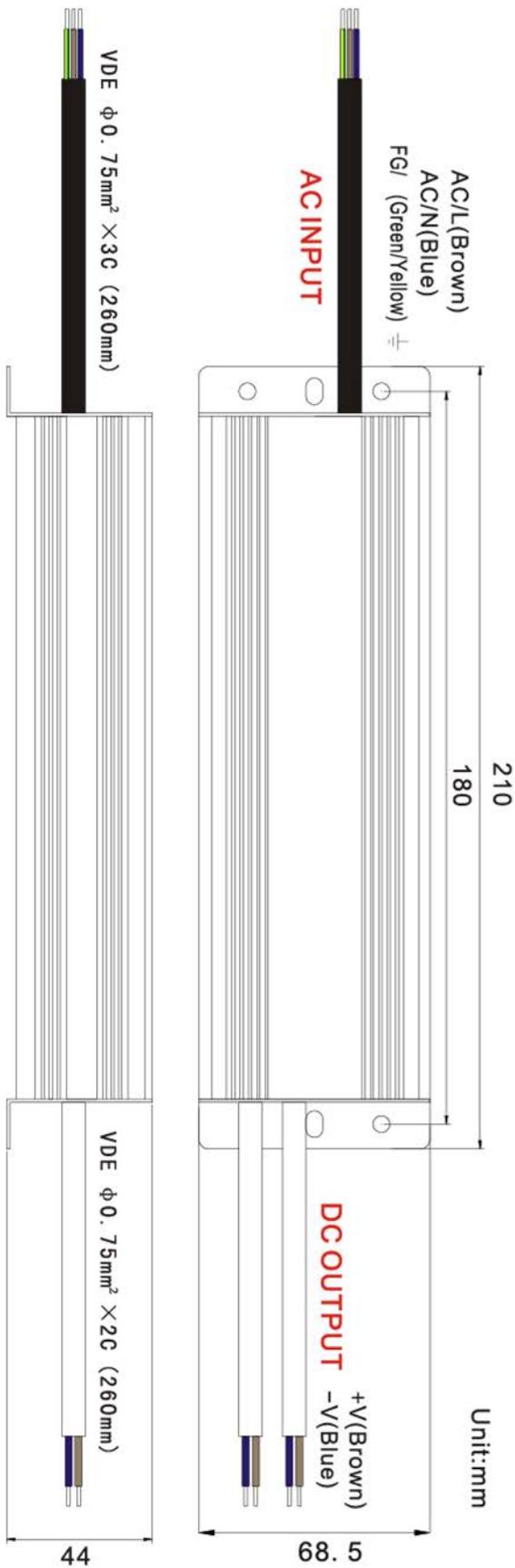
Model		GT120100A	GT240100A
OUTPUT	DC Voltage	12V	24V
	Rated Current	8.3A	4.17A
	Current Range	0 ~ 8.3A	0 ~ 4.17A
	Rated Power	100W	100W
	Ripple & Noise (max) (note 2)	150mV	150mV
	Voltage Tolerance (note 3)	±2%	±1%
INPUT	Voltage Range	170 ~ 265VAC	
	Frequency Range	50 ~ 60Hz	
	Power Factor (Typ.)	PF > 0.5/220VAC	
	Efficiency (Typ.)	82%	84%
	AC Current (Typ.)	1A/220VAC	
PROTECTION	Short Circuit	Protection Type: recovers automatically after fault condition is removed	
	Overload	overload protected @ 110-140% above peak rating	
	Over Temperature	Protection type: Shut down o/p voltage, re-power on to recover	
ENVIRONMENT	Working Temp.	-30 ~ +50°C (Refer to output load derating curve)	
	Working Humidity	20~99% RH non-condensing (Waterproof)	
	Storage Temp., Humidity	-40 ~ +80°C, 10~99%RH	
SAFETY & EMC	Safety Standards	CE Mark (LVD), IP67	
	Withstand Voltage	I/P-O/P:1.5KVAC I/P-GND:1.5KVAC	
	EMC Test Standards	EN55015:2006, EN61547:1995+A1:2000, EN61000:3-2-2006, EN61000:3-3:1995+A2:2005, EN61347-1:2001; EN61347-2-13:2006	

Note: 1. All parameters NOT specially mentioned are measured at 220VAC input, rated load and 25°C of ambient temperature.

2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 10uF parallel capacitor.

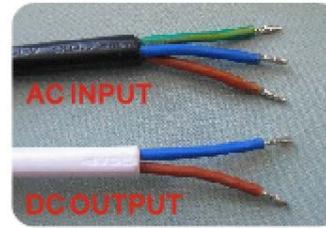
3. Tolerance: includes set up tolerance, line regulation and load regulation.

MECHANICAL SPECIFICATION:



OTHERS:

DIMENSION: 210x68.5x44 (mm) (LxWxH)
 WEIGHT: 1000g/PCS



FG/⊥ (Green/Yellow)
 AC/N (Blue)
 AC/L (Brown)
 -V (Blue)
 +V (Brown)

DERATING CURVE:

