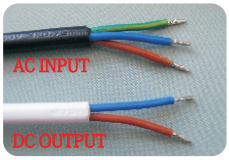
100W LED Ultra-Thin Power Supply





FG/⏚ (Green/Yellow)
AC/N(Blue)
AC/L(Brown)

−V(Blue)
+V(Brown)

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
- 2years warranty

IP67 CE RoHS

SPECIFICATION

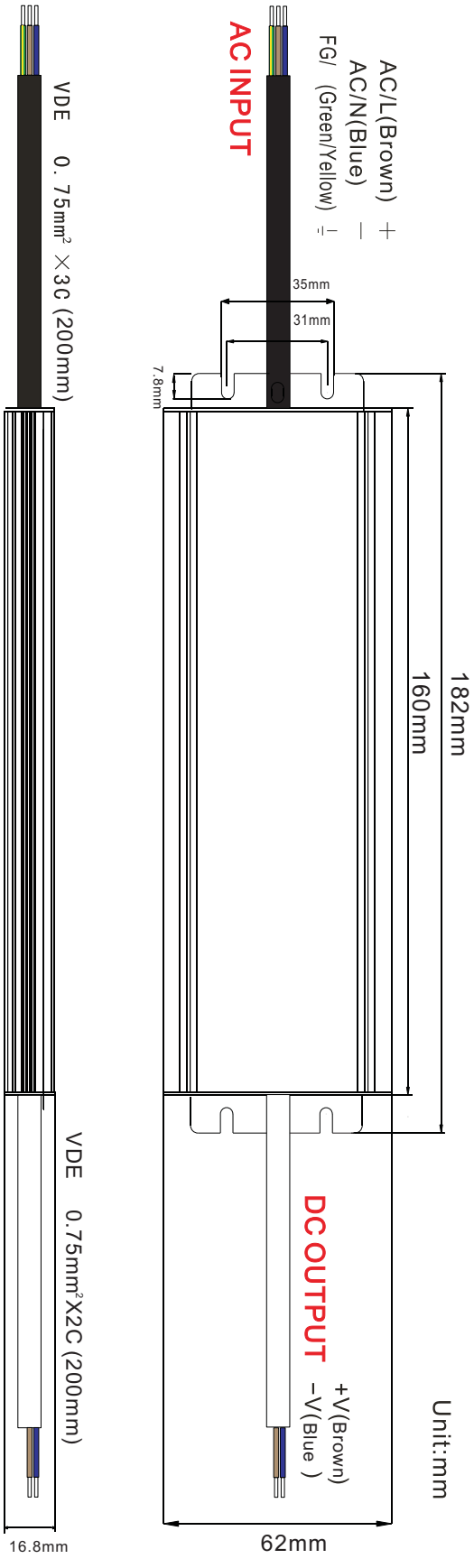
MODEL		YSV-12100-T	YSV-24100-T			
OUTPUT	DC VOLTAGE	12V	24V			
	RATED CURRENT	8.3A	4.17A			
	CURRENT RANGE	0~8.3A	0~4.17A			
	RATED POWER	100W	100W			
	RIPPLE & NOISE (max.) NOTE.2	240mVP-P	300mVP-P			
	VOLTAGE TOLERANCE NOTE.3	±2%	±2%			
	LINEAR REGULATION	±1%	±1%			
	LOAD REGULATION	±1%	±1%			
	SETUP, RISE TIME	80ms/220VAC				
	HOLD UP TIME (Typ.)	60ms/220VAC				
INPUT	VOLTAGE RANGE	90V-264VAC				
	FREQUENCY RANGE	50 ~ 60Hz				
	POWER FACTOR (Typ.)	PF>0.56/220VAC				
	EFFICIENCY (Typ.)	>85%	> 85%			
	AC CURRENT (Typ.)	0.53A/220VAC				
	INRUSH CURRENT (Typ.)	COLD START 40A/220VAC				
PROTECTION	Short circuit	Protection type : recovers automatically after fault condition is removed				
	Overload	overload protected @ 110-130% above peak rating				
	Over temperature	Protection type : Shut down o/p voltage, re-power on to recover				
ENVIRONMENT	WORKING TEMP.	-30 ~ +50℃ (Refer to output load derating curve)				
	WORKING HUMIDITY	20 ~ 99% RH non-condensing(Waterproof)				
	STORAGE TEMP., HUMIDITY	-40 ~ +80℃ , 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℃ 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.

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Mechanical Specification



Others

DIMENSION	182X62X16.8(mm) (L×W×H)
CARTON QUANTITY	30 PCS/Carton
CARTON SIZE	410x195x170(mm)
WEIGHT	520g/pcs

Derating Curve

