

20W

Waterproof LED Power Supply

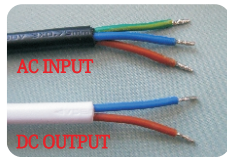
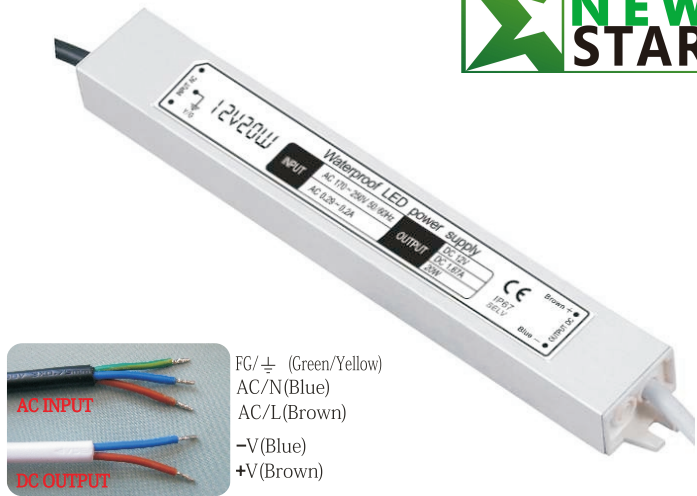
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Features :

- 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

IP67 CE RoHS



FG/ $\frac{\phi}{\phi}$ (Green/Yellow)
 AC/N(Blue)
 AC/L(Brown)
 -V(Blue)
 +V(Brown)

SPECIFICATION

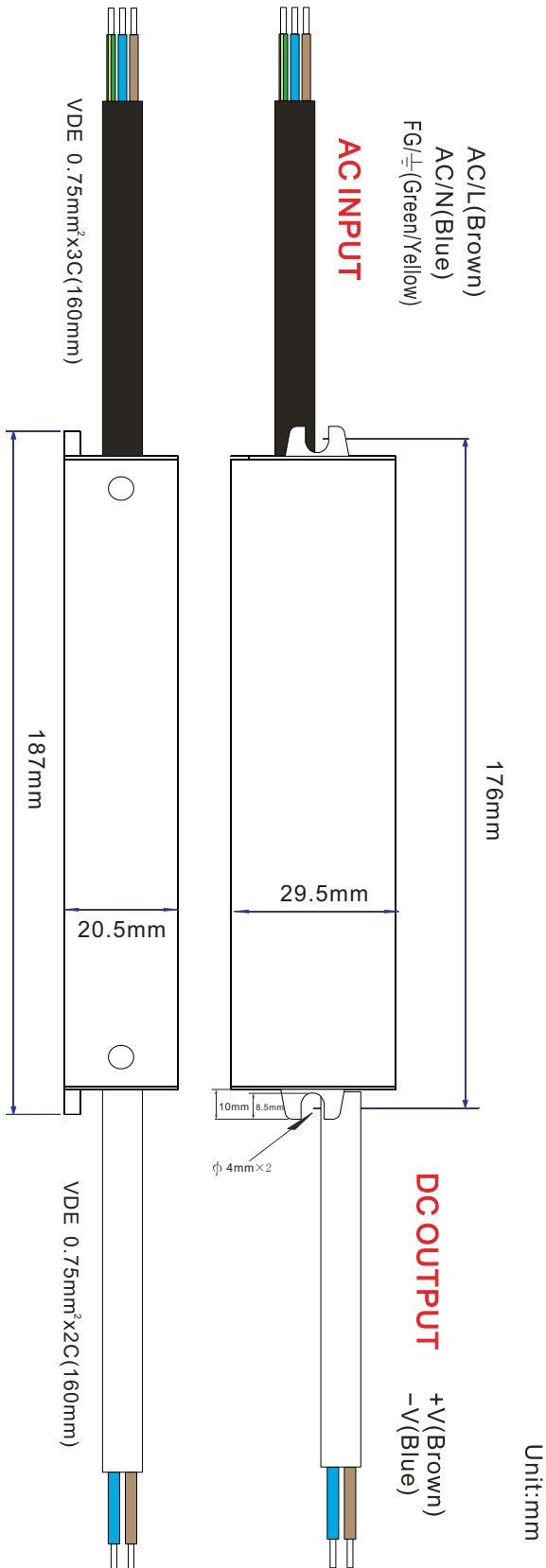
MODEL	YSV-12020-A	YSV-24020-A				
OUTPUT	DC VOLTAGE	12V	24V			
	RATED CURRENT	1.67A	0.83A			
	CURRENT RANGE	0~1.67A	0~0.83A			
	RATED POWER	20W	20W			
	RIPPLE & NOISE (max.) ^{NOTE 2}	100mV	100mV			
	VOLTAGE TOLERANCE ^{NOTE 3}	±2%	±2%			
	SETUP, RISE TIME	80ms/220VAC				
	HOLD UP TIME (Typ.)	60ms/220VAC				
INPUT	VOLTAGE RANGE	170 ~ 250VAC				
	FREQUENCY RANGE	50 ~ 60Hz				
	POWER FACTOR (Typ.)	PF>0.6/220VAC				
	EFFICIENCY (Typ.)	80%	81%			
	AC CURRENT (Typ.)	0.23A/220VAC				
	INRUSH CURRENT (Typ.)	COLD START 40A/220VAC				
PROTECTION	Short circuit	Protection type : recovers automatically after fault condition is removed				
	Overload	overload protected @ 115-140% 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	<p>1. All parameters NOT specially mentioned are measured at 220VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 10uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p>					

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Mechanical Specification



Others

DIMENSION	187x29.5x20.5 (mm) (LxWxH)
CARTON QUANTITY	50PCS/Carton
CARTON SIZE	385x250x200 (mm)
WEIGHT	215g /PCS

Derating Curve

