

# 20W

# Waterproof LED Power Supply

1 of 2

## 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, BIS Certification
- In line with world lighting safety regulations



## SPECIFICATION

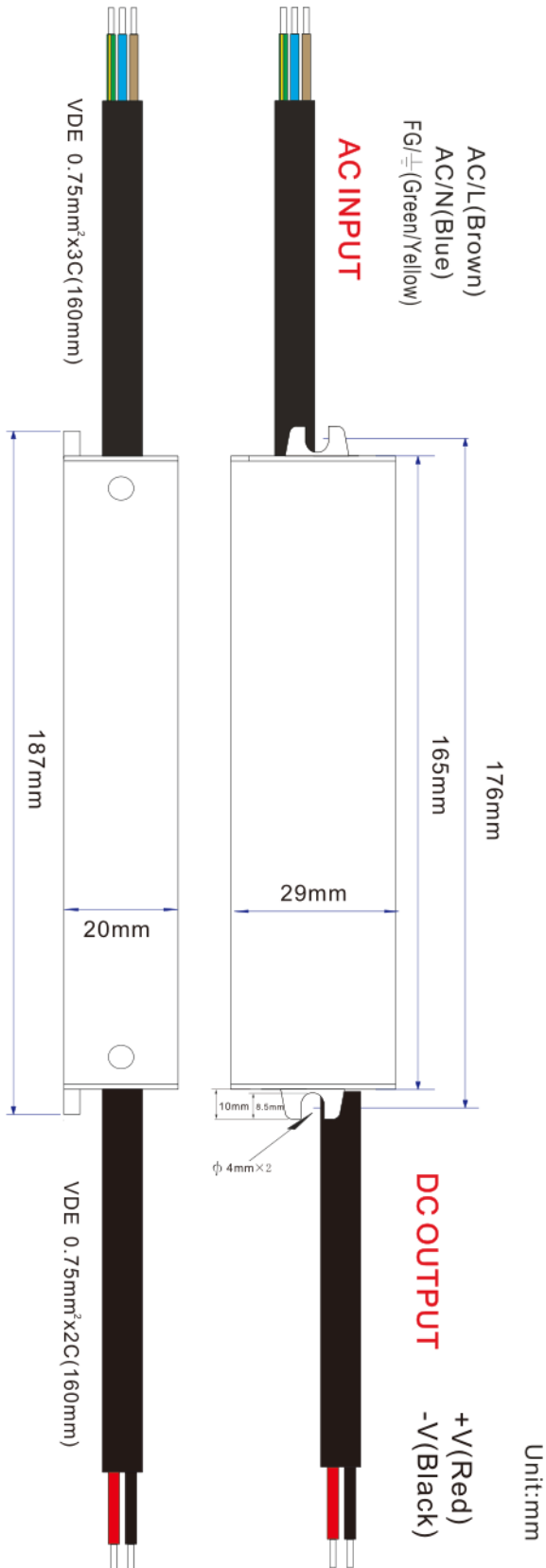
		12V20W	24V20W			
OUTPUT	DC VOLTAGE	12V	24V			
	RATED CURRENT	1.67A	0.83A			
	CURRENT RANGE	0~1.67A	0~0.83A			
	RATED POWER	20W	20W			
	RIPPLE & NOISE (max.) <sup>NOTE 2</sup>	100mV	100mV			
	VOLTAGE TOLERANCE <sup>NOTE 3</sup>	±4%	±2%			
INPUT	VOLTAGE RANGE	175~264VAC OR 100~130VAC				
	FREQUENCY RANGE	50 ~ 60Hz				
	POWER FACTOR (Typ.)	PF>0.6/220VAC				
	EFFICIENCY (Typ.)	82%	85%			
	AC CURRENT (Typ.)	0.19A/220VAC OR 0.32A/110VAC				
	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: 2013;EN61547: 2009; EN61000-3-2:2014; EN61000-3-3:2013				
NOTE	<p>1. All parameters NOT specially mentioned are measured at 220VAC OR 110VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 10uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p>					

# 20W

# Waterproof LED Power Supply

2 of 2

## Mechanical Specification



## Others

DIMENSION	187x29x20mm(LxWxH)
CARTON QUANTITY	50PCS/Carton
CARTON SIZE	385x250x200mm(LxWxH)
WEIGHT	205g /PCS

## Derating Curve

