

# LED-20



## 20W WATERPROOF LED DRIVER

- High efficiency ,long life and high reliability
- Protection:overload,over voltage,short circuit
- 100% full-load burn-in test
- 3 years warranty
- Waterproof – IP67

Specification		Model	ZA LED-20-12 B	ZA LED-20-24 B
Output	DC voltage		12V	24V
	Rated current		1.67A	0.83A
	Ripple and noise		100mVp-p	100mVp-p
	Intet stability		± 0.5%	± 0.5%
	Load stability		± 1%	± 0.5%
	Efficiency		81%	83%
	Voltage ADJ.range		12V ± 10%	24V ± 10%
Input	AC voltage range		90~264VAC 47~63Hz; 250~370VDC	
	AC Inrush current		Cold-start current 30A/250V	
Protection	Overload		105%~150% Type:pulsing hiccup shutdown Resete:auto recovery	
	Over voltage		121%~142% Rated output voltage	
	Short circuit		Hiccup mode, recovers automatically after fault condition is removed	
Environment	Setup,rise,hold up time		100ms 60ms/230VAC at full load	
	Withstand voltage		Input and output internal:1.5KvAc,input and enclosure:1.5KvAc,Output and enclosure:0.5KvAc	
	Isolation resistance		Input and output internal:Input and enclosure,Output and enclosure:500VDC/100MΩ	
	Working temperature and humidity		-10℃ ~+50℃	
	Store temperature and humidity		-20℃ ~+85℃, 10%~95%RH	
Other	Overall dimension		182 × 29 × 20mm 100PCS/CARTON	
	Weight		0.22Kg	
Certificate	CE EMC Authenticate		EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008 EN55024:2010 EN55015:2006+AL2007+2009 EN61547:2009	
	CE LVD Authenticate		EN61347-1:2008T A1:2001 EN61347-2-13:2006 EN60950-1:2006+A11:2009+A1:2010+A12:2001	
	ROHS Authenticate		EPA3050B:1996 EN1122B:2001 EPA3052:1996 EPA3060A:1996 EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008	

### Mechanical Specification

