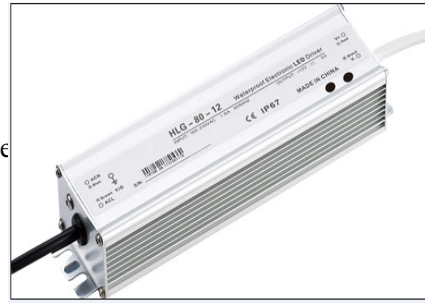


Full function adjustable waterproof power supply 80W

- Universal AC input
- Built-in power factor correction
- Protections:short circuit/over load/over voltage/over temp
- Cooling by free air convection
- OCP point adjustable through output cable or internal potentiometer
- IP67/65 design for indoor or outdoor installations
- Suitable for LED lighting and moving sign applications
- 3Year warranty



HLG-80W

Model		HLG-80-12	HLG-80-15	HLG-80-24	HLG-80-36	HLG-80-48
OUTPUT	DC voltage	12V	15V	24V	36V	48V
	Constant current	7.2~12V	9~15V	14.4~24V	21.6~36V	28.8~48V
	Rated current	5A	5A	3.4A	2.3A	1.7A
	Rated power	60W	75W	81.6W	82.8W	81.6W
	Ripple&noise	150mvp-p	150mvp-p	150mvp-p	200mvp-p	200mvp-p
	Voltage ADJ range	10.8~13V	13.5~17V	22~27V	33~40V	43~53V
	Current ADJ range	Can be adjusted by internal potentiometer or through output cable				
	3~5A	3~5A	2.04~3.4A	1.38~2.3A	1.02~1.7A	
INPUT	Voltage range	90~264VAC, 47~63Hz 127~370VDC				
	AC current	0.8A/115VAC, 0.4A/230VAC				
	Power factor	PF>0.95/230VAC,PF>0.98/115VAC Start overload protection				
	Efficiency	88%	89%	90%	91%	91%
	Inrush current	Cold start current 35A/115VAC,70A/230VAC				
	Leakage current	< 0.75mA/240VAC				
PROTECTION	Over current	95%~108% protection type :Constant current limiting , auto-recovery after fault condition is removed				
	Short circuit	Hiccup mode, recovers automatically after fault condition is removed				
	Over voltage	14~17V	18~21V	28~34V	41~46V	54~60V
		protection type: Shut down o/p voltage re-power on to recover				
	Over temperature	100°C±10°C (RTH2) protection type: Shut down o/p voltage re-power on to recover				
ENVIRONMENT	Working	-20°C~+60°C, 20%~90%RH				
	Storage temp, humidity	-40°C~+85°C, 10%~95%RH non-condensing				
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each axes				
SAFETY	Withstand voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG: 100M ohms/500VDC				
FIT STANDARDS	Safety standard	Fit UL1310 CLASS2,TUV EN61347-1,EN61347-2-13, IP65approved				
	EMC standard	Fit EN55015, EN61000-3-2 ClassC(>60%load):EN61000-3-3				
OTHERS	Dimension	174*63*39mm (L*W*H)				
	Weight/packing	0.84kg/20pcs/17.5kg/0.026m³/0.91CUFT				
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC 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 & 47uf parallel capacitor.					
	3. Tolerance : includes set up tolerance, line regulation and load regulation.					