

HLG series Full function adjustable waterproof power supply with advance features : 1)metal case, full glue potting ,IP65-67 protection level 2) Universal AC input range 3)Built-in active power factor correct function (active PFC) 4) Built-in three-in-one dimming function (1~10VDC, PWM signal or resistance) 5)100%full load maturing test 6)Apply to LED street lighting and out-door related lighting application 7)3 years warranty

### Full function adjustable waterproof power supply 60W

<ul style="list-style-type: none"> <li>·Universal AC input</li> <li>·Built-in power factor correction</li> <li>·Protections: short circuit/over load/over voltage/over temp</li> <li>·Cooling by free air convection</li> <li>·OCP point adjustable through output cable or internal potentiometer</li> <li>·IP67/65 design for indoor or outdoor installations</li> <li>·Suitable for LED lighting and moving sign applications</li> <li>·3Year warranty</li> </ul>	
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#### HLG-60W

Model		HLG-60-12	HLG-60-15	HLG-60-24	HLG-60-36	HLG-60-48
OUTPUT	DC voltage	12V	15V	24V	36V	48V
	Constant current	8.4~12V	9~15V	14.4~24V	21.6~36V	28.8~48V
	Rated current	5A	4A	2.5A	1.7A	1.3A
	Rated power	60W	60W	60W	61.2W	62.4W
	Ripple&noise	150mvp-p	150mvp-p	150mvp-p	33~40V	44~53V
	Voltage ADJ range	11~13V	13.5~17V	22~27V	200mvp-p	240mvp-p
	Current ADJ range	Can be adjusted by internal potentiometer or through output cable				
		3~5A	2.4~4A	1.5~2.5A	1~1.7A	0.78~1.3A
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	84%	87%	89%	89%	90%
	Inrush current	Cold start current 20A/115VAC, 40A/230VAC				
	Leakage current	< 0.5mA/240VAC				
PROTECTION	Over current	95%~110%				
		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	13.8~16V	18~24V	28~35V	41~49V	54~63V
		protection type: Shut down o/p voltage re-power on to recover				
Over temperature	95°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 STANDARD	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	0.75kg/20pcs/16kg/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.					