



## LED DRIVER HG-WP-D250AD

### Characteristic

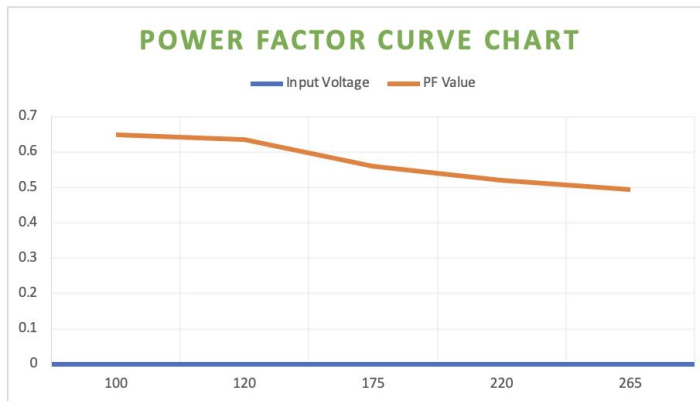
- Galvanic Isolation
- Efficiency > 90%
- Power - 60W
- Ripple < 3%
- Current adjustable

### Technical Parameter

Input characteristic		
Input Voltage Range	V	100-260
Power consumption range	W	45-53
Frequency	Hz	50-60
Power factor correction (λ, AC 220V)	%	0.5
Efficiency	%	90.0%
Input Current (AC230V 50-60Hz)	A	<0.6
Output characteristic		
Output current regulation (dimming)		Yes
Dimming characteristic linearity	%	yes
Output current tolerance	%	<5%
Output Ripple	%	<3%
Current	mA	350-1300ma (1300ma set)
Power	W	60
Voltage	V	30-48
No load voltage	V	55
Protection		
Short circuit protection		yes
Overvoltage protection		yes
Overload protection		yes
Operating and storage conditions		
Working temperature range	° C	- 20 ~ 50
Storage temperature range	° C	- 50 ~ 80
Maximum temperature enclosure	° C	75
Allowable humidity	%	5 ~ 95%(no condensation)
Degree of protection		IP67
Safety		
Insulation		yes
Breakdown voltage AC (input output), (input ground), (output ground)	KV	≤ 2,0
Insulation resistance between conductive part and shell	MΩ	≥ 200
Standard		
Electromagnetic compatibility (electromagnetic stability)		-
Others		
Mean time to failure (MTBF) (85 ° C)	Hours	50000
Overall dimension (length x width x height)	mm	L135*W42*H30
Weight	kg	0.37kg

- The main parameters of the product are measured under 220V power supply voltage, full load of power output and 25 ° C ambient temperature.

### Power factor characteristics(load 48Vdc)



### Efficiency characteristics( Input Voltage 220Vac)

