

30w 600mA



LED DRIVER HG-D36

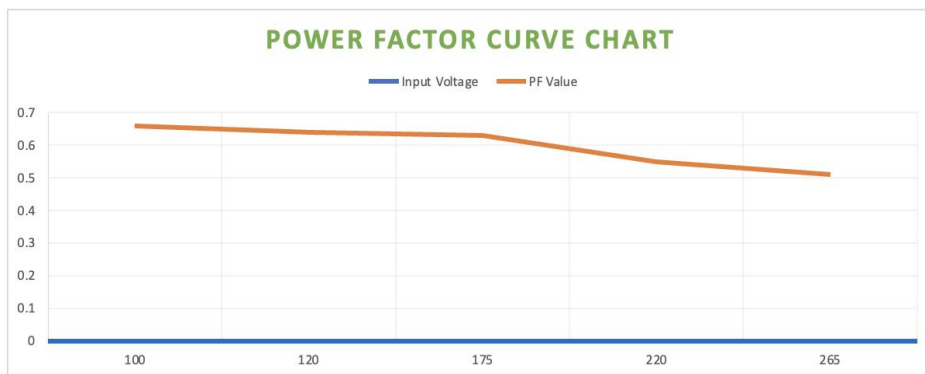
Characteristic

- Galvanic Isolation
- Efficiency > 88%
- Power - 30W
- Ripple \ll 5%

Technical Parameter

Input characteristic		
Input Voltage Range	V	100-260
Power consumption range	W	25-43
Frequency	Hz	50-60
Power factor correction (λ , AC 220V)	%	0.5
Efficiency	%	89%
Input Current (AC230V 50-60Hz)	A	<0.5
Output characteristic		
Output current regulation (dimming)		No
Dimming characteristic linearity	%	-
Output current tolerance	%	<5%
Output Ripple	%	\ll 5%
Current	mA	600
Power	W	20
Voltage	V	36-63
No load voltage	V	66
Protection		
Short circuit protection		yes
Overvoltage protection		yes
Overload protection		yes
Operating and storage conditions		
Working temperature range	$^{\circ}$ C	- 20 ~ 50
Storage temperature range	$^{\circ}$ C	- 50 ~ 80
Maximum temperature enclosure	$^{\circ}$ C	55
Allowable humidity	%	5 ~ 95%(no condensation)
Degree of protection		IP00
Safety		
heat shrink tube insulation		yes
Breakdown voltage AC (input output), (input ground), (output ground)	KV	\leq 2,0
Insulation resistance between conductive part and shell	M Ω	\geq 200
Standard		
Electromagnetic compatibility (electromagnetic stability)		-
Others		
Mean time to failure (MTBF) (85 $^{\circ}$ C)	Hours	50000
Overall dimension (length x width x height)	mm	L71xW22xH20mm
Weight	kg	0.115kg
- The main parameters of the product are measured under 220V power supply voltage, full load of power output and 25 $^{\circ}$ C ambient temperature.		

Power factor characteristics(load 63Vdc)



Efficiency characteristics(Input Voltage 220Vac)

