



STARLED

Illuminating the Future Through Technology

LED DRIVER AGT-I786DH-0750

Specification Sheet

A012

LED DRIVER

AGT-I786DH-0750



Product Characteristics

- 220-240VAC input
- Selectable current: 0.6-0.75A
- 25-40VDC output
- $PF > 0.9 @ 230V$ (full load), $EFF \geq 87% @ 230V$ (full load)
- Isolated type, NO flicker, constant current design

Standard Inventory Parameters

Regularly selectable power :
0.75A(0.7A/0.65A/0.6A)/25-40V

	Model	AGT-I786DH-0750
Input Parameters	Rated Voltage	220-240Vac
	Input Voltage	200-264Vac
	Input Frequency	50-60Hz
	Max. Input Current	0.19A Max
	Surge Current	30A/@230Vac Max
	Efficiency (Typical)	≥87%/@230Vac Full load
	Power Factor	>0.9/@230Vac Full load
	Max Input Power	34.5W MAX
	Start Up Time	<350MS@230Vac Full load
	THD	<15%@230Vac Full load
Output Parameters	Output Current	750mA Current can be adjusted to 700mA,650mA,600mA
	Output Power	30W
	Accurate Output Current	Output current ±5%
	Output Voltage Range	25-40V
	Ripple	≤2V[out:40V-750mA-Output current]
	Dimmable	NO
	Dimming Type	/
Protection	Short Circuit Protection	(Hiccup mode,auto-recovery)
	Over Voltage Protection	55V
	Over-Temperature Protection	When the working temperature is greater than the set temperature of the power IC, the power supply is in the state of current loss protection and recovers when the temperature is normal
Environment	Operating Temperature	-20℃- +45℃
	Operating Humidity	10%-90%RH
	Stocking Temperature, Humidity	-40℃- +85℃,5%-95%RH
	Waterproof Rating	IP20
	Case Temperature	Ta:45℃ Tc:80℃
电磁兼容 EMC	EMC Standard	EN55015,EN61000-3-2,EN61000-3-3,EN61547
Safety	Safety Standard	ENEC:EN61347-1,EN61347-2-13,EN62384 CE:EN 61347-1,EN 61347-2-13,EN 62493
	Certification	ENEC/CE/ROHS
	High Voltage Tolerance	I/P-O/P:3750V
	Insulation Resistance	I/P-O/P:100M Ω /500Vdc/25℃/70% RH
Product Structure	Dimension	L100.5*W46.5*H27 mm
	Net Weight	105g
	EP	RoHS

Current Adjustment and Corresponding Parameters

AGT-I786DH-0750

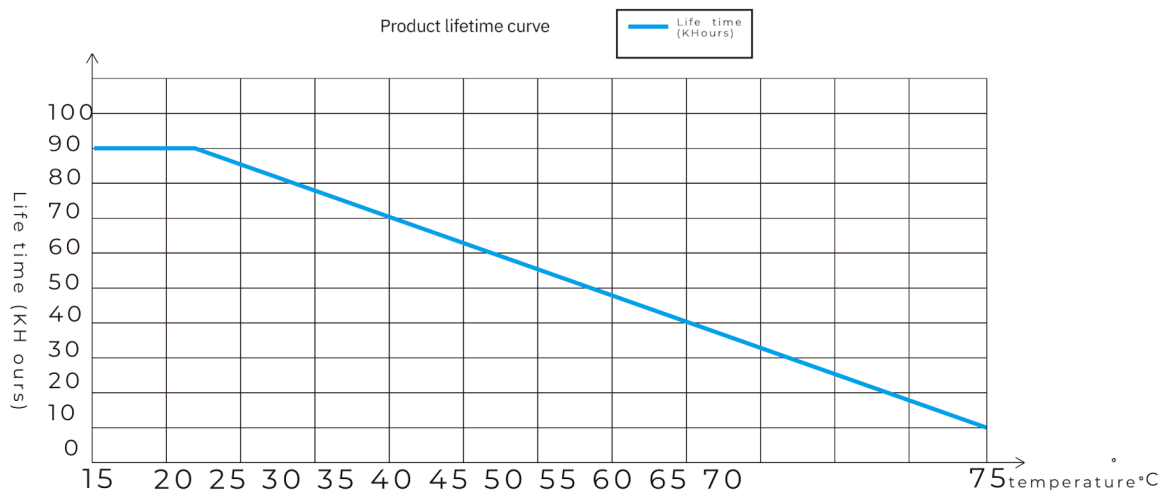
Switching selection sheet				
No.1 to No.2 channel switch output current				
Pout Max	Irated	Urated	1	2
24W	600mA	40V	—	—
26W	650mA	40V	ON	—
28W	700mA	40V	—	ON
30W	750mA	40V	ON	ON



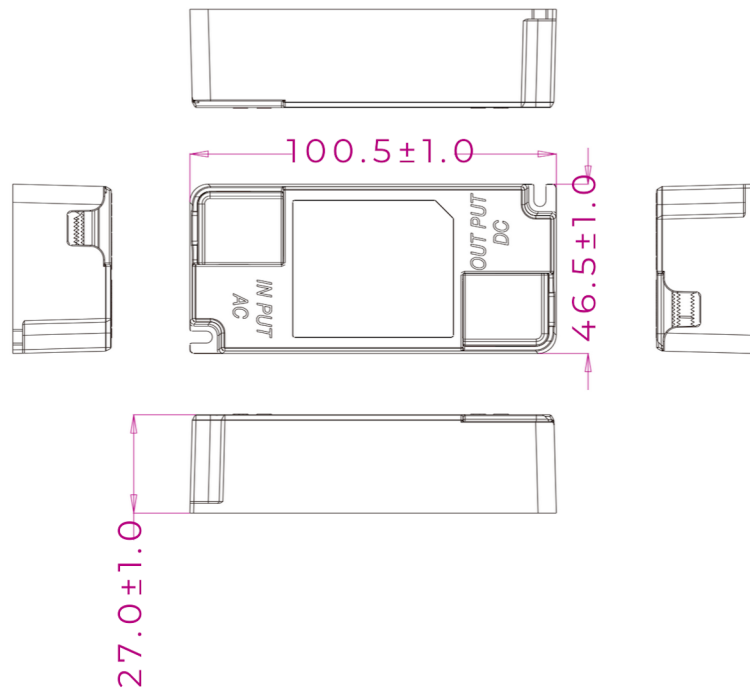
Note: ▲ means initial current ■ means current adjustment cut off

Product Life Reference Diagram

The power supply is used under the rated condition of the power supply at the ambient temperature (t_a) of 45 °C, with a service life of 50000 hours and a 5 year warranty.



Drawing of housing size



Dimension: L100.5*W46.5*H27 mm