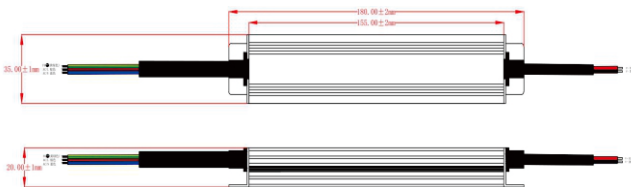


HVS-24030C15



Dimension



Product Features

- Constant voltage design: 12V,24V
- Delicate housing in compact size and ultrathin height
- CCC, CE(LVD+EMC) certificated and ErP compliance
- Full rated power design, high efficiency, high reliability
- IP67 rating, aluminum case, cooling by free air convection
- 100% full load burn-in testing
- Built in active PFC function, PF≥0.95
- Protections: Short circuit / Over loading / Over temperature
- 3 years warranty

MODEL		HVS-12030C15	HVS-24030C15		
OUTPUT	DC Voltage	12V	24V		
	Rated Current	0-2.5A	0-1.25A		
	Rated Power	30W	30W		
	Ripple & Noise	≤500mVp-p	≤500mVp-p		
	Voltage Tolerance	±0.5V	±0.5V		
	Line Regulation	±0.5%	±0.5%		
	Load Regulation	±1%	±2%		
	Hold up time	≤500ms/230VAC			
INPUT	Voltage Range	220~240VAC			
	Frequency Range	50/60HZ			
	Frequency Range	≤0.192A	≤0.19A		
	Input Power	<38W	<38W		
	Power Factor	PF≥0.95/230VAC			
	Efficiency	≥82%	≥83%		
	Inrush current	Cold Start: 30A/230VAC			
	Leakage Current	≤5mA/240VAC			
	No load power consumption	No load power consumption <0.5W			
Protection	Over Loading	110~150% Protection type: Hiccup mode, recovers automatically after fault condition is removed.			
	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed.			
	Over Temperature	Protection type: shut down output voltage, re-power onto recover.			
	Over Voltage	Output voltage is limited within setted range.			
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13; GB19510.1; GB19510.14			
	Withstand Voltage	I/P-O/P: 3.75KVAC I/P-GND: 1.5KVAC O/P-GND: 0.5KVAC			
	Isolation Resistance	I/P-O/P: 100M ohms/500VDC/ 25°C 70% RH			
	EMC Emission	EN55015 (CISPR15), GB/T17743 EN61000-3-2/GB17625.1, EN61000-3-3			
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11			

Environment	Working Temp.	-25°C ~+50°C
	Working Humidity	20-90% RH,non-condensing
	Storage Temp.	-40°C ~+80°C,10~95% RH
Cables	Input	VDE H03VV-F 3*1.0mm ² ,Black*230mm
	Output	VDE H05VV-F2*0.75mm ² ,Black*230mm
Others	Housing Material	Metal Case
	IP Rating	IP67
	Dimension	L180*W35*H20mm
	Packing	0.22kg; 50pcs/13kg/298*232*265mm
Note	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 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. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. 4. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time. 	

Temperature Curve

