



**DEVETECH ELECTRONICS CO. LTD**

# **DVS35**

## **35W Switching Power Supply**



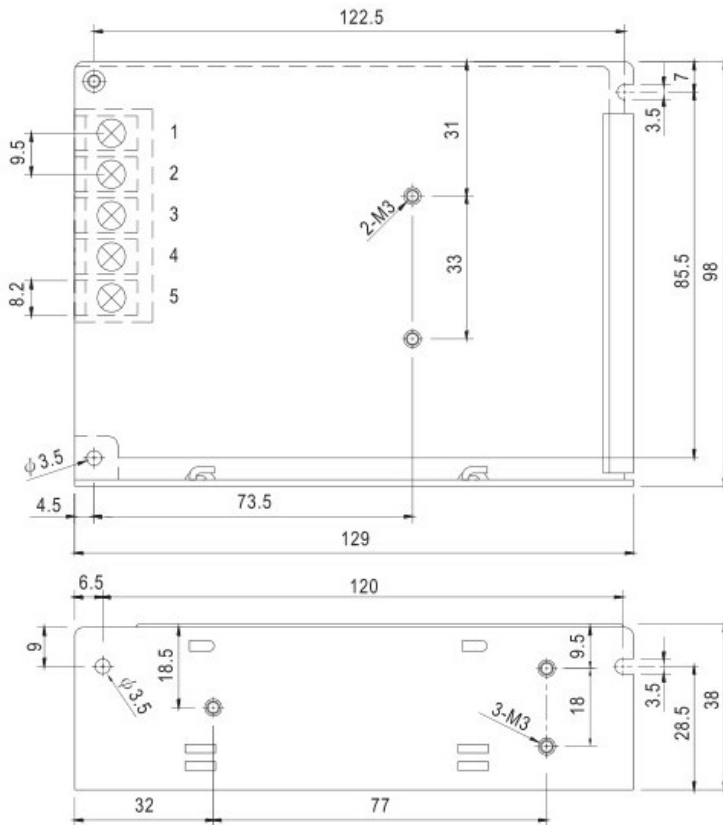
**1.Features**

1. Input voltage selected by switch
2. Protection: short-circuit/ over-load/ over-voltage protection
3. Cooling by air
4. 100% full load burn-in te

**2. Specification**

Model pecification	DVS35-5V	DVS35-12V	DVS35-15V	DVS35-24V
DC Output Voltage	5V	12V	15V	24V
loutput Voltage Error	± 2%	± 1%	± 1%	± 1%
Rated Output Current	7A	3A	2.4A	1.5A
Output Current Range	0-7A	0-3A	0-2.4A	0-1.5A
Tripple and Noise	75mVp-p	100mVp-p	100mVp-p	100mVp-p
Iniet Stability	± 0.5%	± 0.5%	± 0.5%	± 0.5%
Tolerance Voltage	± 1%	± 0.5%	± 0.5%	± 0.5%
DC Output Power	35W	36W	36W	36W
Efficiency	70%	76%	78%	78%
Adjustable Range for DC Voltage	±10%, -5%	± 10%	± 10%	± 10%
AC Input Voltage Range	85~132VAC/170~264VAC selected by switch 47~63Hz; 240~370VDC			
Input Current	0.8A/115V 0.45A/230V			
AC Inrush Current	Cold-Start Current: 18A/115V, 36A/230V			
Leakage Current	<0.5mA/240VAC			
Overload Protection	105%~150% Type: Foldback Current Limiting, Reset: Auto Recovery			
Over Voltage Protection	.....			
High Temperature Protection	.....			
Temperature Coefficient	± 0.03% /°C (0~50°C)			
Start, Rise, Hold time	200ms, 100ms, 20ms			
Vibration	10~500Hz, 2G 10min,/1cycle, a total of 60 minutes, Each axes			
Withstand Voltage	Between Input and Output: 1.5KVAC, Input and Shell: 1.5KVAC, Output and Shell: 0.5KVAC			
Isolation Resistance	Input and Output Internal: Input and Enclosute, Output and Enclosure: 500VDC/100M Ohms			
Working Temperature and Humidity	-10°C~+60°C (Refer to Output Derating Cutve), 20%~90%RH			
Storage Temperature and Humidity	-20°C~+85°C, 10%~95%RH			
Overall Dimension	129*93*38mm			
Weight	0.4kgs			
Safety Standards	CE			
EMC Standards	Meet FCC Part 15J Conduction class B			

### 3. Mechanical Dimension



### 4. Please Note

1. The testing condition for the parameter above is: 230VAC input, rated load, 25°C 70%Rh, Humidity.
2. Error, include the setting error, line stability and load stability.
3. Wave test: adopting "A12" double wire for 20MHZ, and 0.1uF&uF capacitor short-circuit for interrupting.
4. Inlet Voltage Stability test: when is over load, the lowest voltage of inler is representative to the highest voltage.
5. Load stability test: the load is from 0% to 100%, others 60%.

### PRODUCT PHOTOS

