

■ Features:

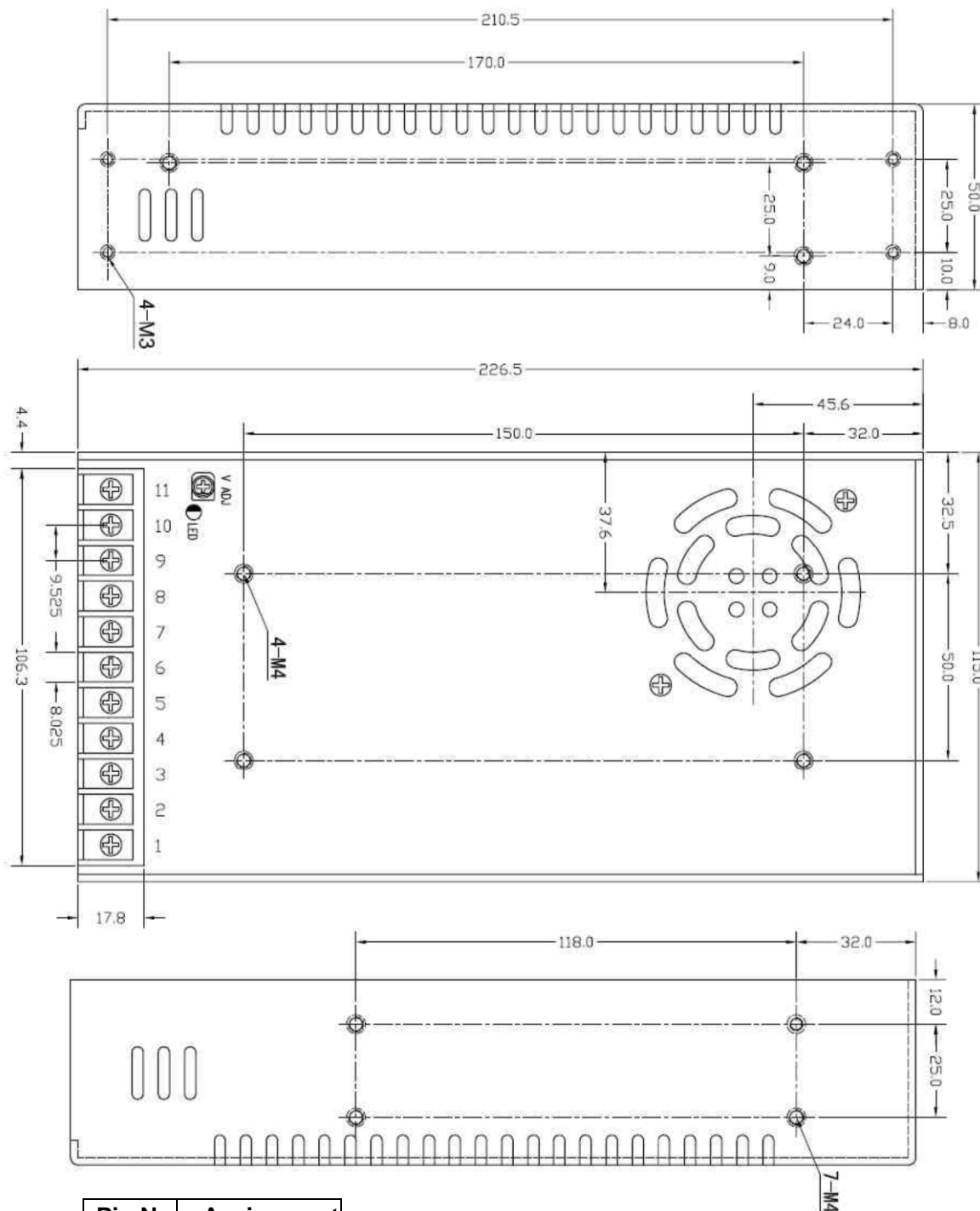
- ✓ DC input range: 36VDC~60VDC
- ✓ High Efficiency, and High reliability
- ✓ Output protections: SCP/OVP/OCP
- ✓ Operating ambient temperature (0°C~45°C)
- ✓ All using 105°C long life electrolytic capacitors.
- ✓ 100% full load burn-in test
- ✓ 1 year warranty


■ SPECIFICATIONN

MODEL		DCM-48D200S13.8	DCM-48D200S24	DCM-48D200S110	
OUTPUT	DC Output	13.8V	24V	110V	
	Rated Current	10.0A	8.3A	1.8A	
	Current Range	0~10.0A	0~8.3A	0~1.8A	
	Ripple and Noise Note 2	140mV	240mV	800mV	
	Voltage ADJ. Range	±5% of rated output voltage			
	Voltage Accuracy	±2.0%	±3.0%	±3.0%	
	Line Regulation	±1.0%	±1.0%	±0.5%	
	Load Regulation	±2.0%	±2.0%	±2.0%	
	Temperature Coefficient	±0.03%/°C			
	Overshoot and Undershoot	<8.0%	<5.0%	<5.0%	
INPUT	Voltage Range		36VDC~60VDC		
	Efficiency (Typical)	12VDC	75%	80%	80%
	DC Current (max.)		5.5A	6.5A	7.0A
PROTECTION	Over Current		110%~160% of rated output current, auto recovery		
	Over Voltage		110%~160% of rated output voltage, auto recovery		
	Shorted Circuit		Long-term mode, auto recovery		
ENVIRONMENT	Operating amb. Temp. & Hum.		0°C-45°C 20%~90%RH No condensing		
	Storage Temp. & Hum.		-25°C-85°C 10%~95%RH No condensing		
SAFETY & EMC	Safety Standards		GB4943;		
	Withstand Voltage		Primary-Secondary:0.5KVDC; Primary-PG:0.5KVDC; Secondary-PG:0.5KVDC		
	Isolation Resistance		100M ohms		
OTHERS	MTBF (MIL-HDBK-217F)		More than 100,000Hrs (25°C Full load)		
	Dimension (L*W*H)		226×115×50mm		
	Connection		11P/8.025mm barrier terminal block		
	Cooling method		Forced air cooling by built-in DC fan		
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 47uF parallel capacitor.				

■ Mechanical Specification

Unit: mm



Pin No.	Assignment
1	Vin +
2	Vin -
3	F.G
4~7	DC output -V
8~11	DC output +V