

Product Feature

1. Single output: power 100W
2. Input voltage:85~264VAC 120~370VDC
3. Protections:Short circuit/Overload /Over voltage
4. Cooling by free air convection
5. LED indicator for power on
6. DC OK relay contact
7. Can be installed on DIN rail TS-35/7.5 or 15



3 years
Warranty

420g/Typ.

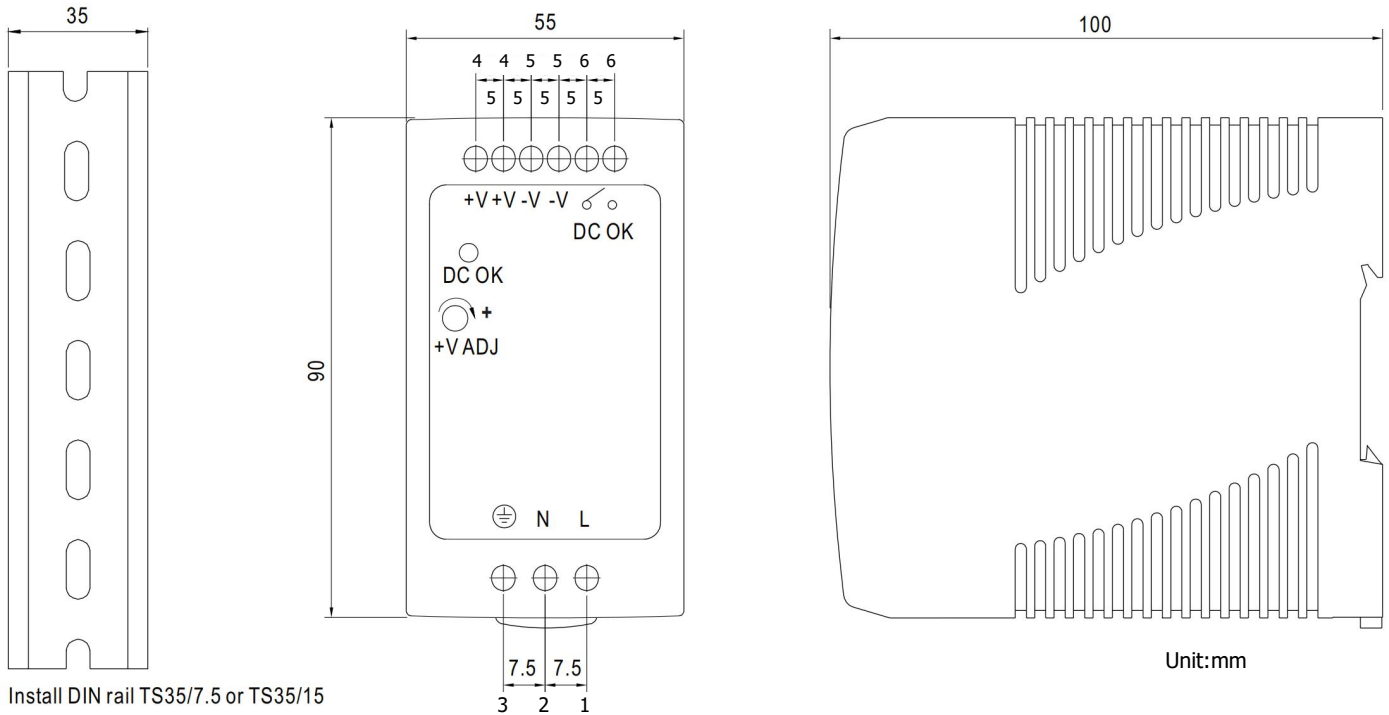
Electrical Specifications

Model	DP-M100-12	DP-M100-24	DP-M100-36	DP-M100-48
DC output voltage,current	12V 0~7.5A	24V 0~4.16A	36V 0~2.7A	48V 0~2A
Ripple and noise(20MHZ)	120mVp-p	150mVp-p	200mVp-p	200mVp-p
Linear adjustment rate	±1%	±1%	±1%	±1%
Load adjustment rate	±1%	±1%	±1%	±1%
Efficiency	78%	86%	87%	87%
Voltage adjustment range	±10%	±10%	±10%	±10%
Input voltage range	85~264VAC/120~370VDC47~63Hz			
Impact current	Cold start current 30A/115VAC 60A/230VAC			
Overload protection	105%~150%cut off the output,automatic recovery			
Overvoltage protection	120%~140% shut down O/P voltage,re-power on to recover			
Setup,rise,hold up time	3000ms,50ms/230VAC at full load		3000ms,50ms/115VAC at full load	
Withstand voltage	I/P-O/P:1.5kV I/P-FG:1.5kV O/P-FG:0.5kV 1minute			
Isolation resistance	I/P-O/P I/P-FG O/P-FG:500VDC/100MΩ			
Operation temperature	-10°C~+50°C			
Dimension	55x90x100mm			
Weight	0.42kg			
Packing	/			

DC OK Relay Contact

Contact Close	PSU turns on/DC OK.
Contact Open	PSU turns off/DC Fail.
Contact Ratings(max.)	30V/1A resistive load.

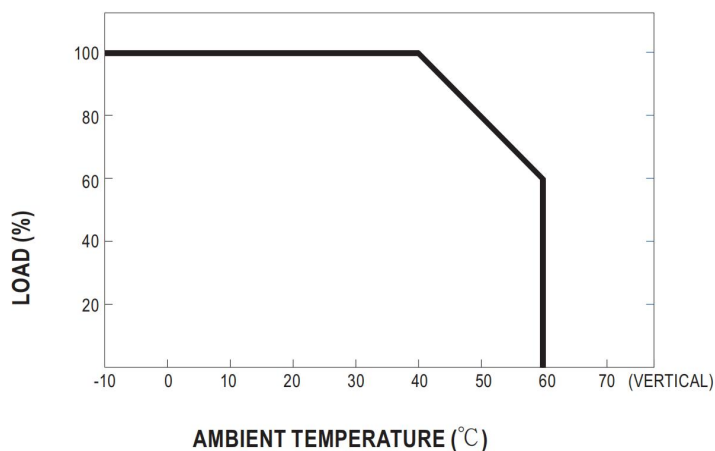
Mechanical Specification



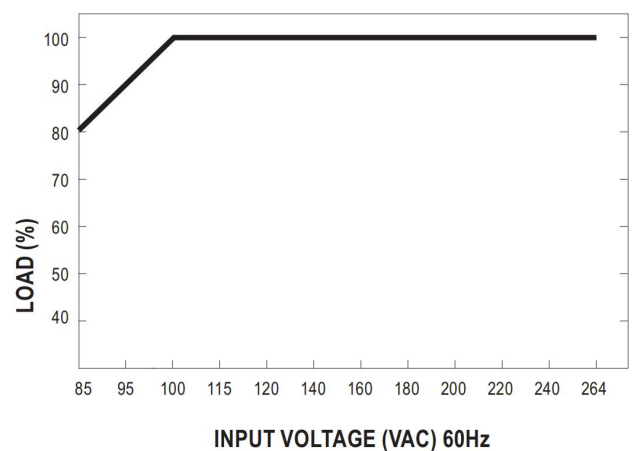
Terminal Pin No. Assignment

Pin	Function
1,2	AC input
3	GND
4	DC output +V
5	DC output -V
6	DC OK

Derating Curve



Output Derating VS Input Voltage



DONGGUAN AMCHARD-POWER TECHNOLOGY CO., LTD.