

Open Frame

5~20W AC/DC Encapsulated Type



Features

- Universal AC input / Full range
- Ultra-miniature size
- Protections: Short circuit / Overload / Over voltage
- No load power consumption <0.5W (<0.75W for 20W models)
- Fully isolated plastic case
- Isolation class II (5~15W)
- Low leakage current < 200uA (20W)
- Cooling by free air convection
- Medical safety approved
- Meet industrial, IT safety requirements
- 100% full load burn-in test
- 3 years warranty



PM-05 / 10 / 15 Series				PM-20 Series	
		5W	10W	15W	
	A	2.475" (62.85mm)	2.76" (70mm)	2.95" (75mm)	
	B	1.85" (47mm)	2.13" (54mm)	2.441" (62mm)	
	C	0.306" (7.8mm)	0.315" (8mm)	0.256" (6.5mm)	
	D	1.97" (50mm)	1.97" (50mm)	2.09" (53mm)	
	E	0.689" (17.5mm)	0.689" (17.5mm)	0.788" (20mm)	
	F	0.295" (7.5mm)	0.295" (7.5mm)	0.256" (6.5mm)	
	G	0.789" (20.04mm)	0.789" (20.04mm)	0.906" (23.01mm)	
	H	0.59" (15mm)	0.59" (15mm)	0.59" (15mm)	
	I	0.776" (19.7mm)	0.89" (22.7mm)	0.89" (22.7mm)	

General Specification

AC input voltage range 85~264VAC; 120~370VDC
 Frequency range 47~440Hz
 AC inrush current (max.) ... Cold start, 25A at 115VAC, 45A at 230VAC
 (PM-15: 30A at 115VAC, 50A at 230VAC)
 (PM-20: 30A at 115VAC, 65A at 230VAC)
 Overload protection >105% hiccup mode, auto recovery
 Over voltage protection 115%~135% rated output voltage, shut off,
 AC recycle to re-start
 Setup, rise, hold up time ... 1000ms, 20ms, 100ms @ 230VAC
 (PM-20: 500ms, 20ms, 50ms @ 230VAC)
 Withstand voltage I/P-O/P: 4.0kVAC, 1 minute
 Working temperature -20°C~70°C (refer to output derating curve)
 Safety standards UL60601-1, TUV EN60601-1, UL60950-1 (PM-15)
 approved
 EMC standards EN55011, EN55022 Class B, EN61000-3-2,3
 EN61000-4-2,3,4,5,6,8,11, ENV50204, EN55024,
 EN60601-1-2, EN61204-3 Medical level, criteria A
 Connection 4 industrial pins (20W: 6 industrial pins)
 Packing 0.085kg ; 120pcs / 11.2kg / 0.97CUFT(PM-05)
 0.105kg ; 120pcs / 13.6kg / 0.97CUFT(PM-10)
 0.14kg ; 120pcs / 17.8kg / 0.97CUFT(PM-15)
 0.18kg ; 90pcs / 17.2kg / 0.97CUFT(PM-20)

PM-05 Series

Model No.	Output	Tol.	R&N	Effi.
PM-05-3.3	3.3V, 0~1.25A	±3%	80mV	67%
PM-05-5	5V, 0~1.00A	±2%	80mV	71%
PM-05-12	12V, 0~0.42A	±2%	150mV	73%
PM-05-15	15V, 0~0.33A	±2%	150mV	74%
PM-05-24	24V, 0~0.23A	±2%	240mV	76%

PM-10 Series

Model No.	Output	Tol.	R&N	Effi.
PM-10-3.3	3.3V, 0~2.50A	±3%	80mV	66%
PM-10-5	5V, 0~2.00A	±2%	80mV	74%
PM-10-12	12V, 0~0.85A	±2%	150mV	78%
PM-10-15	15V, 0~0.67A	±2%	150mV	79%
PM-10-24	24V, 0~0.42A	±2%	240mV	79%

PM-15 Series

Model No.	Output	Tol.	R&N	Effi.
PM-15-3.3	3.3V, 0~3.50A	±3%	80mV	73%
PM-15-5	5V, 0~3.00A	±2%	80mV	76%
PM-15-12	12V, 0~1.25A	±2%	150mV	78%
PM-15-15	15V, 0~1.00A	±2%	150mV	79%
PM-15-24	24V, 0~0.63A	±2%	240mV	81%

PM-20 Series

Model No.	Output	Tol.	R&N	Effi.
PM-20-3.3	3.3V, 0~4.50A	±3%	80mV	71%
PM-20-5	5V, 0~4.40A	±2%	80mV	75%
PM-20-12	12V, 0~1.80A	±2%	150mV	81%
PM-20-15	15V, 0~1.40A	±2%	150mV	83%
PM-20-24	24V, 0~0.92A	±2%	240mV	84%



Energy Saving —

We care about energy saving. This logo represents that this model has "low no load power consumption"!



To satisfy our customers is our goal —

- High Quality
- Low Cost
- Prompt Delivery
- Best Service