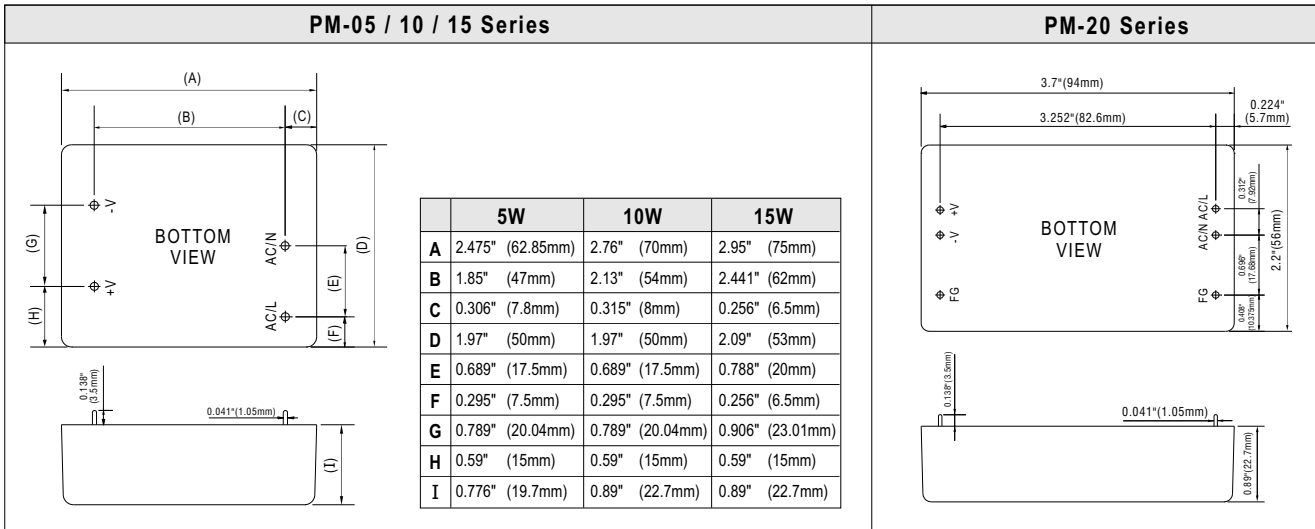


# Open Frame

5~20W AC/DC Module Type



- 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



## 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 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

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12741	PM-05-3.3	3.3V, 0~1.25A	±3%	80mV	67%
12742	PM-05-5	5V, 0~1.00A	±2%	80mV	71%
12743	PM-05-12	12V, 0~0.42A	±2%	150mV	73%
12744	PM-05-15	15V, 0~0.33A	±2%	150mV	74%
12745	PM-05-24	24V, 0~0.23A	±2%	240mV	76%

## PM-10 series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12751	PM-10-3.3	3.3V, 0~2.50A	±3%	80mV	66%
12752	PM-10-5	5V, 0~2.00A	±2%	80mV	74%
12753	PM-10-12	12V, 0~0.85A	±2%	150mV	78%
12754	PM-10-15	15V, 0~0.67A	±2%	150mV	79%
12755	PM-10-24	24V, 0~0.42A	±2%	240mV	79%

## PM-15 series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12761	PM-15-3.3	3.3V, 0~3.50A	±3%	80mV	73%
12762	PM-15-5	5V, 0~3.00A	±2%	80mV	76%
12763	PM-15-12	12V, 0~1.25A	±2%	150mV	78%
12764	PM-15-15	15V, 0~1.00A	±2%	150mV	79%
12765	PM-15-24	24V, 0~0.63A	±2%	240mV	81%

## PM-20 series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12771	PM-20-3.3	3.3V, 0~4.50A	±3%	80mV	71%
12772	PM-20-5	5V, 0~4.40A	±2%	80mV	75%
12773	PM-20-12	12V, 0~1.80A	±2%	150mV	81%
12774	PM-20-15	15V, 0~1.40A	±2%	150mV	83%
12775	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 customers is our goal

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