



100 VA Maximum Power Module

INPUT

Input Voltage Range: 24 – 30 VAC or 34 – 42 VDC
 Frequency Range: 47 – 63 Hz or DC
 Power Capacity: 1 – 100 W
 Efficiency: 87% full load
 THD: 20% Maximum
 Pf: 0.90 minimum

DC OUTPUT

Output voltage range: 1 – 30 VDC
 Output Amperage Range: 0 – 4 A
 VA Maximum: Voltage x Amperage Combination 100VA MAX
 Voltage Accuracy: 1%
 Load Regulation: 3%

Integral Adjustment

Installer can change the Maximum output voltage
 Set to 24 VDC by the factory

Dimming – Must Use Shielded Wiring

0 – 10 VDC (Control signal fed to driver)
 PWM (Pulse Width Modulation)
 SF-120-DIM (Dimmer Interface with traditional dimming)
 SF-277-DIM (Dimmer Interface with traditional dimming)
 SF-DMX (Dimmer Interface with DMX)

Operating Ambient Temperature: -30C to 50C
 Relative Humidity: 80% non-condensing



Ten Year Warranty on Indoor Units
Five Year Warranty on Outdoor Units

PM Power Module (Select Using Guide Below)

PM-100	100 VA Maximum
	VDC Maximum Output = 30 VDC (with Rated Input) Factory Set to 24 VDC; or Specify Requested VDC
	Indoor (Standard) Shown, Optional Above Grade Outdoor (-O)
	Additional Options
* Optional items may not be stocked – and built to order only We reserve the right to update information at any time	

- Class 2– Low Voltage and Low Current Output
- Short Circuit and overload protected with Auto Recovery
- Indoor/Dry Location Standard, Wet Location Optional
- Ten Year Warranty (Indoor Units)
- High Efficiency – up to 87% efficient
- Wide Ambient Temperature Range (-30C to 50C)
- Standard Case provided with KOs & wiring compartments
- Dimmable; Several Options Available (Order Separately)
- OPTIONAL Integral Easy to Read Interface/Screen (+VS)
- Plug In port for Optional Hand Held Interface (+RVS)

Calculating PM Requirements

The PM-100 is designed to accept a low voltage (AC/DC) input and produce a regulated and filtered low voltage DC Output.

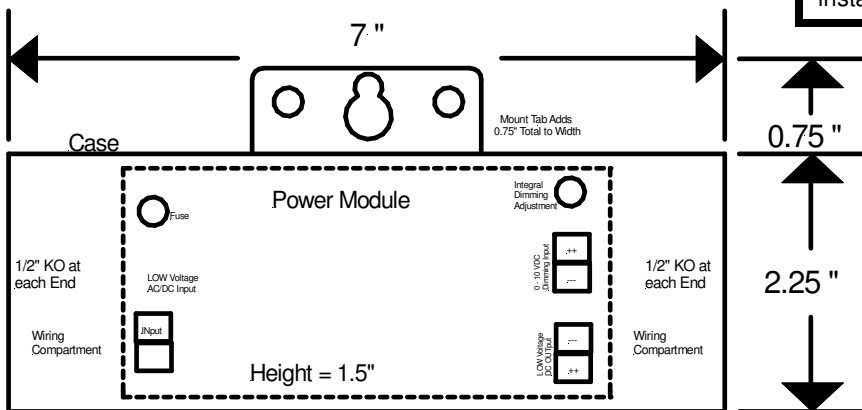
The Power Module enables the installer to adjust/set the maximum output voltage, but is limited to 100 VA and/or 4 amp Maximum load.

The maximum Output is 30 VDC when receiving rated input voltage, but load must not exceed 100 VA maximum. Reducing the Input Voltage will reduce Maximum Output Voltage. User can adjust/set Maximum VDC Output manually/integrally.

Even though the unit is regulated, it also provides dimming capability with the use of a dimmer interface.

Also offered are optional integral viewing screens for indoor applications or a single hand held devise that can be used to interface with multiple Power Modules. This allows the installer to make adjustments easily at the Power Module.

Electronics will typically provide a more reliable longer lasting installation when installed in a cool, well ventilated, dry area.



Manufactured By



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Job Name:

Type: