

## PWR-IPS200W



### PWR-IPS200W | Power Converter

DYNICS IPS200 is a power supply converter, with a fan-less design equipped with an aluminum heatsink. This 200-watt power supply converts AC to DC with your choice of connectors (2 or 3) available as a 4-Pin or 5-Pin. Its rugged build and reliable design make it a suitable power converter for industrial applications.

- **Part Number for Different Pins:**
  - 3-Pin / 4-Pin or 5-Pin: PWR-IPS200W-3 / 4 or 5
- **4-Pin / 5-Pin Output Connectors**
- **1 / 2 Connectors**
- **LED Indicators**

### SPECIFICATIONS

<b>INPUT VOLTAGE RANGE</b>	Full Range 90-264VAC (47-63hz) 3.4A
<b>OUTPUT RATED VALUE</b>	24VDC + / - 2% 8.33A
<b>EFFICIENCY</b>	91% Typical
<b>MINIMUM LOAD</b>	Input: 0A Load Output: No Loss Regulation
<b>AMBIENT TEMPERATURE</b>	Operating: -40° - 50°C (-40° - 122°F) Non-Operating: -40° - 60°C (-40° - 140°F)
<b>RELATIVE HUMIDITY</b>	Non-Condensing: 20% - 80%
<b>OUTPUT RIPPLE AND NOISE</b>	1%
<b>TRANSIENT RESPONSE</b>	Input: ±5% Vo Max Transient; Recovery < 500 µs Max Output: 50% Load Step @ 1 A / µs Step Load Verified at: 50% to 100% Load; 90 – 264VAC; Capacitive Load from 0 – 330 µF / AMP
<b>OVERCURRENT PROTECTION (OCP)</b>	Input: ≤ 150% Io Output: Auto-Recovery
<b>OVERVOLTAGE PROTECTION (OVP)</b>	Input: 110% to 135% Vo Output: Latching Mode; Requires Input AC Recycle
<b>OVER TEMPERATURE PROTECTION (OTP)</b>	Output: Auto Recover; Hiccup Mode
<b>OUTPUT ISOLATION</b>	4000VAC Input to Output 1500VAC Input to Ground 500VAC Output to Ground
<b>SHOCK</b>	Operating: 10G Non-Operating: 15G
<b>VIBRATION</b>	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz
<b>COMPLIANCE</b>	EU: RoHS Directive 2011/65/EU
<b>WARRANTY</b>	24-Month limited warranty. Extended warranty available, contact DYNICS for more details.



## PWR-IPS200W



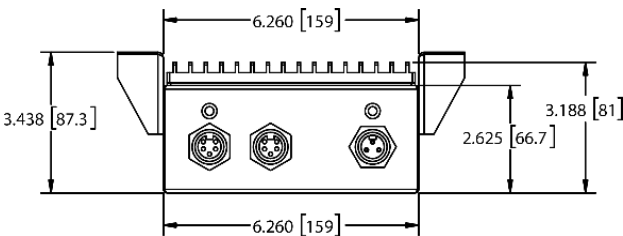
### DIMENSIONS AND WEIGHT

<b>HEIGHT</b>	3.438" (87.3mm)
<b>WIDTH</b>	8.510" (216.2mm)
<b>DEPTH</b>	9.180" (233.2mm)
<b>WEIGHT</b>	7.0 lbs.*

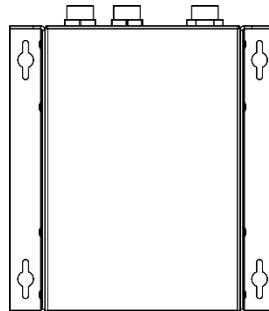
All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS Reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

\* Weights are approximate, contact DYNICS for details.

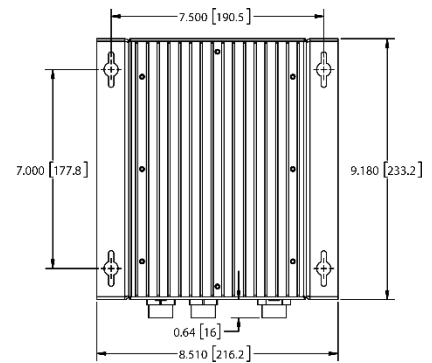
### MECHANICAL DRAWINGS FRONT VIEW



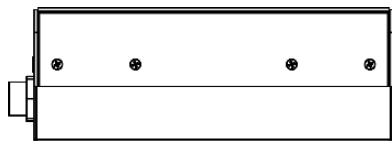
### TOP VIEW



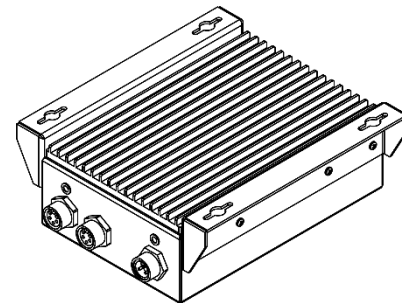
### BOTTOM VIEW



### SIDE VIEW

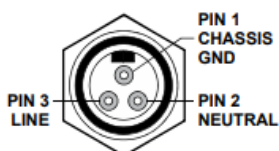


### ISO VIEW

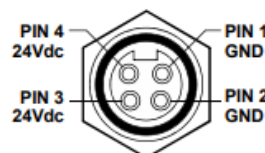


### INPUT/OUTPUT PINOUTS

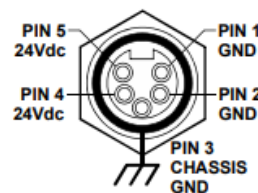
#### 3-Pin INPUT



#### 4-Pin OUTPUT



#### 5-Pin OUTPUT



#### 5-Pin OUTPUT L-Code

