

## Fertures

*Input Voltage: 36~72VDC
*Input Current: 5A at 48VDC max.
*Inrush Current: < 10A at 48VDC input from a cold start $25^{\circ} \mathrm{C}$ excluding EMI suppression capactiors
*Load Range: With all other outputs within their accuracy ranges and all output at $60 \%$ rated load, the +5 V output is between $4.95 \sim 5.05 \mathrm{~V}$. Max. load can not exceed 80 W convection cooling and 100W forced air cooling
*Ripple and Noise: Peak to peak ripple and noise for +5 V is $<50 \mathrm{mV}$, and $<100 \mathrm{mV}$ for the other outputs at rated load, nominal line
*Line Regulation: < +/-1\% for each output at rated load and +/-10\% of input voltage variables
*Load Regulation: < $+/-1 \%$ for +5 V , and $<+/-5 \%$ for -12 V , $+12 \mathrm{~V},-5 \mathrm{~V}$ while changing measured output load from $+/-40 \%$ to $60 \%$ rated load and keeping other outputs at $60 \%$ rated load
*Efficiency: > 70\% at DC24V and rated load
*Altitude: > 10,000 feet
*Protection: Built-in over voltage protection circuit. Trip point of crowbar circuit is between $5.7 \sim 7 \mathrm{~V}$. Hiccup mode against short circuit or over load conditions auto recovery when fault conditions are removed
*Temperature: $0 \sim+50^{\circ} \mathrm{C}$ (operating); $-40 \sim+85^{\circ} \mathrm{C}$ (storage)
*Connectors:
DC Input: Terminal blocks
DC Output: Molex 5273-12A
*Dimensions: $15.24 \times 8.38 \times 3.8 \mathrm{~cm}$ with $+/-0.8 \mathrm{~mm}$ and $+/-0.4 \mathrm{~mm}$ tolerance between mounting holes


## Safety Stamarros.

*Safety: UL 1950 / CSA 22.2 No. 234 / VDE EN60950
*EMI: FCC class B / EN55022 B
*EMS: Level 3 of IEC-802, 803, 804

| PIN | Output |
| :---: | :---: |
| $1 \sim 3$ | +5 V |
| $4 \sim 7$ | GND |
| $8 \sim 9$ | +12 V |
| 10 | -12 V |
| 11 | -5 V |
| 12 | $\mathrm{~N} / \mathrm{C}$ |


| Output <br> Voltage | Min. <br> Load | Rated <br> Load | Max. <br> Load | Tolerance |
| :---: | :---: | :---: | :---: | :---: |
| +5 V | 0 A | 10 A | 12 A | $+/-0.05 \mathrm{~V}$ |
| +12 V | 0 A | 2 A | 3 A | $+/-0.6 \mathrm{~V}$ |
| -12 V | 0 A | 0.5 A | ---- | $+/-0.6 \mathrm{~V}$ |
| -5 V | 0 A | 0.5 A | ---- | $+/-0.75 \mathrm{~V}$ |

