

IDD-930160-KIT

60 W DC/DC Converter Module for
AFOLUX Panel PC and Monitor



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Industrial
Computing
Solutions

2

Embedded
Computing
Solutions

3

Industrial Data
Collector
and Controller

4

Video
Capture
Solutions

5

I/O
Communication
Solutions

6

Panel
Solutions

7

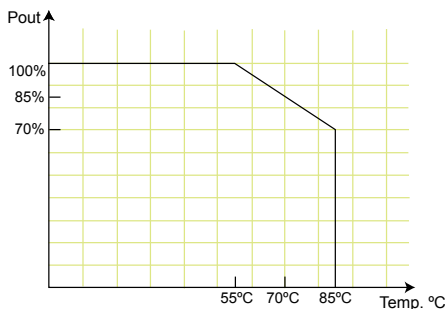
ORing
Network
Communication

8

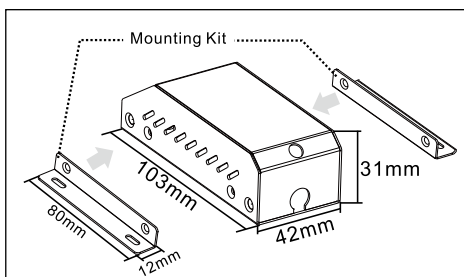
Power Supply/
Peripherals

Specifications

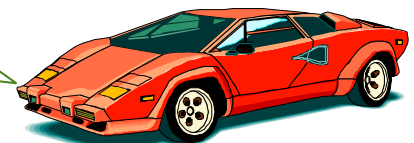
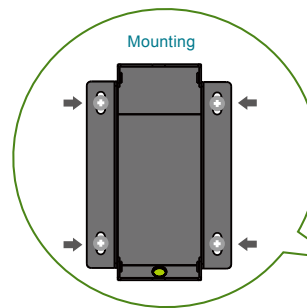
- Input voltage: 9-30 VDC
- Input current: Max. 8.2 A at 9 VDC
- Output: 12 V@5 A
- Max. total output: 60W
- Performance characteristics:
 - Noise and ripple: <120 mV
 - Line regulation: <2.5%
 - Load regulation: <2.5%
- Transient toggle rate: 250 Hz (50% duty ratio)
- Transient current step:
 - From 0% to 50% and 50% to 100% of max current
- Efficiency: typ. 95% ($V_{in}=12\text{ V}$, 80% of full load)
- Dimensions: 42 mm x 103 mm x 31 mm
- Mounting kit: 12 mm x 80 mm
- Cable length: 180 cm
- Operating temperature: -10°C~55°C
- Load down protection



Dimensions (Millimeters)



Typical Applications



Connect to car cigarette lighter

Packing Information

- 1 x IDD-930160-KIT-R20
- 1 x Mounting kit
- 1 x Screw kit
- 1 x Anti-slip strip
- 1 x Utility CD

Ordering Information

Part No.	Description
IDD-930160-KIT-R20	60 W DC/DC 9-30 VDC input vehicle power adapter