

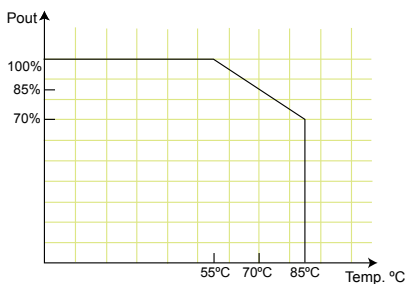
# IDD-930160-KIT

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

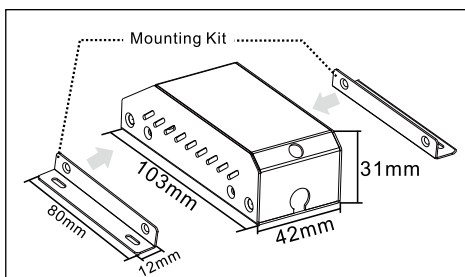


## Specifications

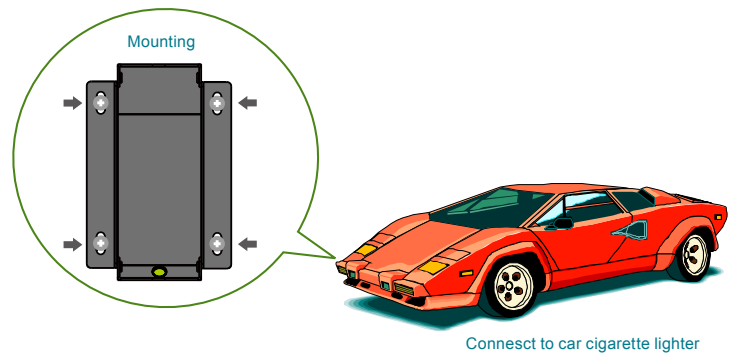
- Input voltage: 9-30 VDC
- Input current: Max. 8.2 A at 9 VDC
- Output: 12 V@5 A
- Max. total output: 60W
- Performance characteristics:  
Noise and ripple: <120 mV  
Line regulation: <2.5%  
Load regulation: <2.5%
- Transient toggle rate: 250 Hz (50% duty ratio)
- Transient current step:  
From 0% 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:  $-10^{\circ}\text{C}\sim 55^{\circ}\text{C}$
- Load down protection



## Dimensions (Millimeters)



## Typical Applications



## Packing Information

- 1 x IDD-930160-KIT-R10
- 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-R10	60 W DC/DC 9-30 VDC input vehicle power adapter

1

Industrial  
Computing  
Solutions

2

Embedded  
Computing  
Solutions

3

RISC-Based  
Embedded  
Solutions

4

Industrial  
Data  
Collector/  
Server  
Solutions

5

Industrial  
Data  
Collection

6

I/O  
Communication  
Solutions

7

Panel  
Solutions

8

Power Supply/  
Network  
Communication/  
Peripherals