

IDD-12250A

50 W+60 W DC/DC Converter Module

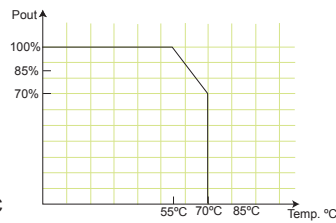


Features

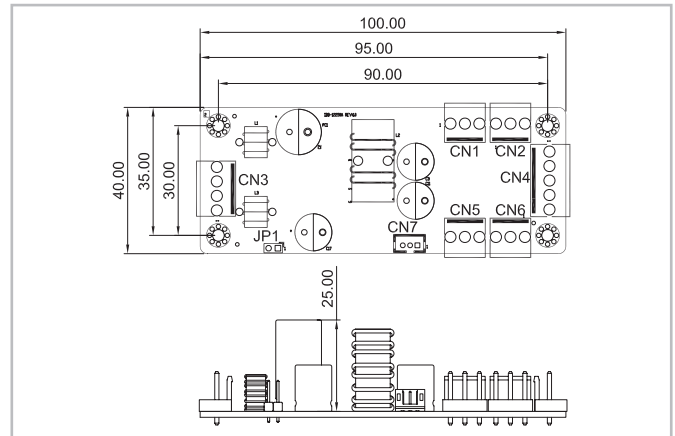
1. 50 W + 60 W (12 V pass thru), total power 110 W
2. AT or ATX mode on/off
3. Up to 90% efficiency
4. RoHS compliant
5. Compact size

Specifications

- Output (max.): 12 V@5 A (pass thru), 5 V@10 A & 5VSB@0.5 A
Max. total output: 50 W plus 60 W (12 V pass through)
- Input: 12 VDC
- Performance characteristics
Noise & ripple: <25 mV
Load regulation: <120 mV
Efficiency: Up to 90%
- Dimensions (mm): 40 x 100
- Weight (NW): 46 g
- Operating temperature: 0°C ~ 70°C



Dimensions (Unit: mm)



Pin Assignments

Input Power Connector

CN3	Pin 1	Pin 2	Pin 3	Pin 4
	VIN	VIN	GND	GND

Output Power Connector

CN4	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5
	+5 V	+5 V	GND	GND	+12V

CN1 CN2 CN5 CN6	Pin 1	Pin 2	Pin 3
	+5V	GND	+12V

ATX Mode Connector

CN7	Pin 1	Pin 2	Pin 3
	5VSB	GND	PS_ON

Packing Information

1 x IDD-12250A

1 x QIG

Ordering Information

Part No.	Description
IDD-12250A-R11	50 W+60 W DC/DC 12 V input, 12 V, 5 V & 5VSB output
CB-3PSATA-RS	10 cm cable for SATA power
CB-3PIDE-RS	10 cm cable for IDE HDD power
CB-NOLP4-RS	20 cm cable for terminal block DC input

Wire Harness Selection Guide

DC Input (CN3)



Option 1.

PN: CB-NOLP4-RS
Cable for terminal block

I/O Power (CN1, CN2, CN5 & CN6)



Option 1.

PN: CB-3PSATA-RS
Cable for SATA



Option 2.

PN: CB-3PIDE-RS
Cable for IDE HDD or any STD
4 pins I/O devices