



60-100W MINI-ATX DC-DC SWITCHING CONVERTER

CED100



FEATURES:

- 12VDC INPUT
- OPEN FRAME & COMPACT SIZE
- EMI MEET FCC, CISPR 22 CLASS B
- CE MARKING COMPLIANCE

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: 12V
Input Connector: CN1: Molex 3.96 3P male
Input Frequency: DC
Input Power: 60-100W
EMI: FCC part 15 Class B, CISPR 22 Class B

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.
Output Current: See Ratings Chart.
Output Wattage: 60-100W @ convection cooling
Output Connector & Cord:
CN3-ATX 4.2 20P female header
Line Regulation: $\pm 1.0\%$ typical.
Load Regulation: $\pm 5.0\%$ typical.
Noise & Ripple: 2% for 5VSB/-12V; 1% for others.
Short Circuit Protection: 3.3V and 5V

GENERAL SPECIFICATION

Efficiency: >75% @ full load.
Safety Standard: CE compliance

Cooling: Convection cooling is adequate. Moving air is recommended for operating in a confined area.
Construction: PCB open frame format.

Note:
1. Due to requests in market and advances in technology, specifications subject to change without notification.

OUTPUT VOLTAGE / CURRENT RATINGS CHART

QUAD OUTPUT (Model No. for example)

MODEL NO.	OUTPUT VOLTAGE				5VSB	POWER OK	PS-ON
	+3.3V	+5V	+12V	-12V			
CED100-60	3A	5A	2A	0.2A	1A	Delay 100-500mS	TTL Low
CED100-80	3A	5A	4A	0.2A	1A	Delay 100-500mS	TTL Low
CED100-100	4A	6A	4A	0.2A	1A	Delay 100-500mS	TTL Low

MECHANICAL DIMENSIONS: 100x30x23MM

WEIGHT: 90g

For the details of safety approval, please consult the factory.