



110W MINI-ATX DC-DC SWITCHING CONVERTER

CED146F



FEATURES:

- 15-24VDC INPUT
- OPEN FRAME & COMPACT SIZE
- EMI MEET FCC, CISPR 22 CLASS B
- CE MARKING COMPLIANCE

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: 15-24V
Input Connector: CN1: Molex 3.96 4P male.
Input Frequency: DC
Input Power: 120W
EMI: FCC part 15 Class B, CISPR 22 Class B

OUTPUT SPECIFICATION

Output Voltage: See Ratings Chart.
Output Current: See Ratings Chart.
Output Wattage: 110W max. @ convection cooling
Output Connector & Cord:
 CN2-ATX 4.2 20P female header.
 CN3/CN4: 2.0 2P header (+5V).
 CN5: 2.54 4P header (+5V and +12V)
Line Regulation: ± 1.0% typical.
Load Regulation: ± 5.0% typical.
Noise & Ripple: 2% for 5VSB/-12V; 1% for others.
OVP: 110% for 3.3V/ 5V.
OLP: Fully protected against output overload and short circuit (3.3V & 5V). Consult the factory for OLP setting.

GENERAL SPECIFICATION

Efficiency: >80% @ 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			
CED146F	5A	5A	4A	0.2A	2A	Delay 100-500mS	TTL Low

MECHANICAL DIMENSIONS: 146x45x22MM

WEIGHT: 170g

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