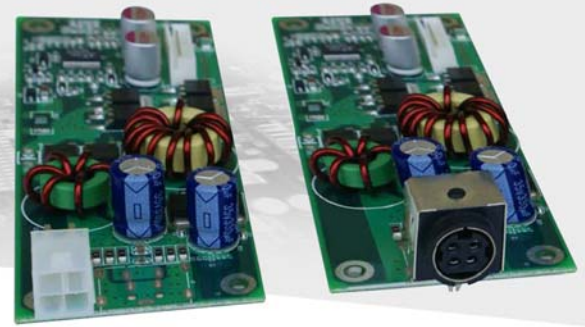


DC-DC Power Board, Internal type, 9~36VDC-to-12VDC, 80W

Integrated DC 9-36V Input (Built-in). Terminal Block "+" and "-".

Model: DC80



FEATURES

- High efficiency DC-DC Power Supply
- Wide input voltage range 9V to 36V
- Output over-current protection
- Input Reverse Protection
- Ease to install
- RoHS Compliant
- No minimum load required

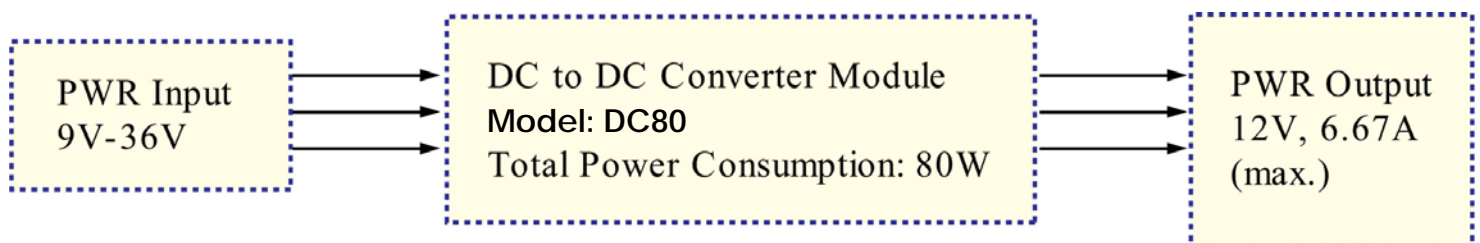
CONVERTER POWER MODULE SPECIFICATIONS

Input Voltage	9V to 36V DC
Output Voltage	12V DC
Load Range	6.6A
Power Consumption	80W
Ripple And Noise	Less than 120mV
Line Regulation	Less than 1% at rated load with 9V~36V input
Load Regulation	Less than $\pm 5\%$
Efficiency	$>80\%$ at full load
Altitude	0 to 10000ft
Protection	OCP protection $>8A$
Operating Temp.	0° ~ 50° C
Storage Temp.	-20° ~ 70° C
Humidity	10~90% non-condensing
Dimension	120x45x17



GENERAL

Applicable to general Panel PC for wide DC input voltage range.



PIN ASSIGNMENT

J1: Power Jack

Connector Type: Din 4p dip Power Jack QuickLock

Pin	Symbol
1	DC 9V~36V Input
2	GND
3	DC 9V~36V Input
4	GND

J2: ATX DC input Connector

Connector Type: P:4.2mm DIP180° Molex87427

Pin	Symbol
1	GND
2	GND
3	DC 9V~36V Input
4	DC9V~36V Input

J3: DC output 1

Connector Type: 1*6p P:2.50mm DIP 180°

Pin	Symbol
1	12V
2	GND
3	GND
4	GND
5	12V
6	12V

J4: DC output 2

Connector Type: 1*6p P:2.50mm DIP 180°

Pin	Symbol
1	12V
2	GND
3	GND
4	GND
5	12V
6	12V

J5: ATX Output Connector

Connector Type : P:4.2mm DIP180° Molex87427

Pin	Symbol
1	GND
2	GND
3	12V
4	12V

J6: Power Input

Connector Type : 2p Terminal DT-29-B01W-02

Pin	Symbol
1	DC 9V~36V Input
2	GND

MECHANICAL DRAWING

