

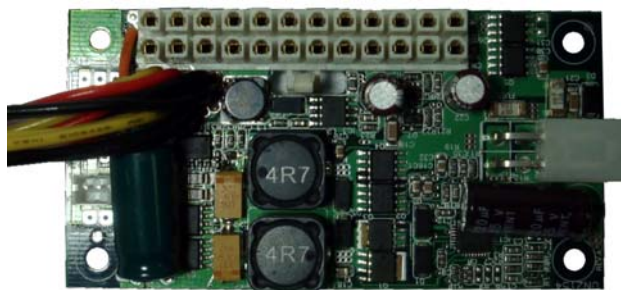
UN2154 規格書

SPECIFICATION FOR UN2154

12VDC 215Watt ATX Power Supply

Wide Operation Temperature -40°C to 90°C

MODEL: UN2154H5



MODEL: UN2154V2



 太濟企業有限公司
APOINT TERNATIONAL CO., LTD.

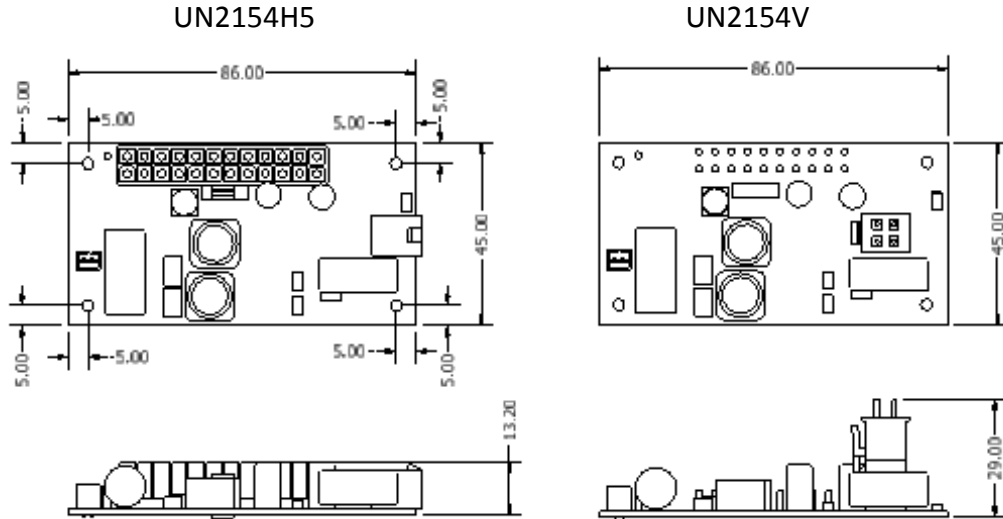
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1. PHYSICAL REQUIREMENTS

1.1. MECHANICAL SPECIFICATIONS

The dimension of this power supply is 86x 45 x18mm (LxWxH).



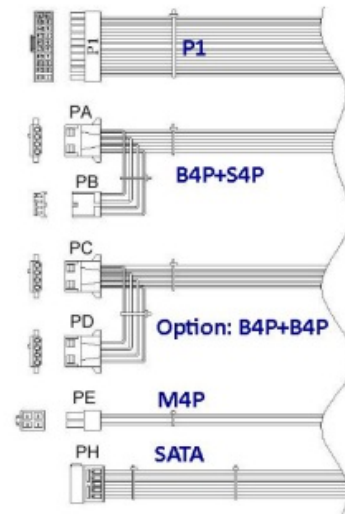
1.2 OUTPUT CABLE

Wire Insulation Material: LDPE/PU/HDPE, Temperature 80°C

Option Material: PVC/NYLON, Temperature 105°C

KYNAR/XLPE/TPR, Temperature 105°C

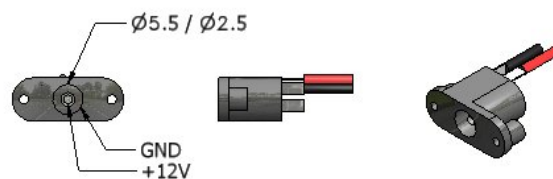
CN1, DC Input	H:90° Connector V:180° Connector D:Cable
UN2154 A B C D E	Rev.1, Rev.2....
Output Cable	00 P1:250mm B4P+S4P:150+150mm M4P:250mm SATA:200mm
CN2, DC output	8-- 8Pin 6-- 6Pin 5-- 24 ATX On Board 4-- 24 ATX Cable 3-- 20 ATX On Board 2-- 20 ATX Cable 0-- 10 Pin



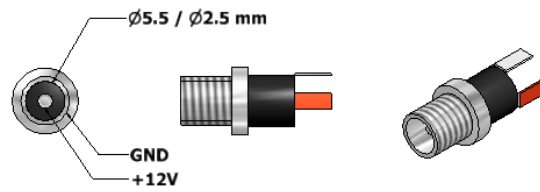
The cable length option: 50mm, 100mm, 150mm etc.

1.3 INPUT CONNECTOR

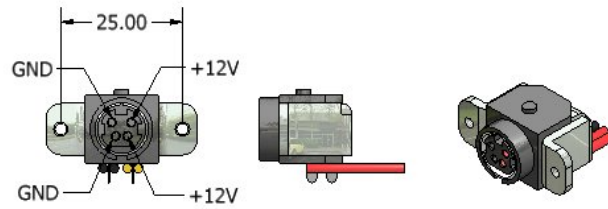
1.3.1 Type: CB-IN2



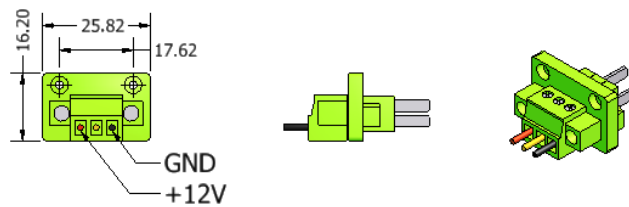
1.3.2 Type: CB-IN3



1.3.3 Type: CB-IN4



1.3.4 Type: CB-IN5



2. ELECTRICAL REQUIREMENTS

The subject power supply will meet all electrical specifications below, over the full operation temperature range and dynamic load regulation.

2.1. INPUT VOLTAGE RANGE

Regulated DC12V, 18A Max

2.2. OUTPUT RATING

Efficiency: 96% at full load and normal input voltage.

Output Voltage	+5V	+12V	+3.3V	-12V	+5Vsb
Voltage Regulation	+/- 5%	+/- 10%	+/- 5%	+/- 10%	+/- 5%
Ripple & Noise	100mV	150mV	150mV	100mV	100mV
Max. Current *	10A	10A	10A	0.25A	2A
Min. Current	0A	0A	0A	0A	0A

2.3. POWER GOOD SIGNAL

Power Good Signal is between 250 and 350ms.

3. SHORT CIRCUIT PROTECTION

In the event of an output short circuit condition on +3.3V, +5V or +12V output, the power supply will shut down and latch off without damage to the power supply. The power supply shall return to normal operation after the short circuit has been removed and the power switch has been turned off for no more than 2 seconds.

In the event of an output short circuit condition on -12V, the power supply will not be damaged. The power supply shall return to normal operation as soon as the short circuit has been removed, and the power switch has been turned off for no more than 2 seconds.

4. TEMPERATURE RANGE

Operating: -40 to +90 °C.

Storage: -45 to +105 °C.

5. MTBF

357768 Hours