PPC-IPS-AE

**12~30 V$_{DC}$ input/24 V$_{DC}$ output,
Uninterruptible Power Supply Module**

Features

- 50W (2.1A @ 24V) output, 25.2Wh for 6 minutes with auto shut down function to PC
- Wide Range power input for 12~30 V$_{DC}$
- Supports over discharging protection to extend battery life
- Metal enclosure supports VESA 75/ VESA 100 and DIN Rail mounting
- With status indicators for monitoring battery pack and input power
- With accessible switch for adjusting timing (30sec / 6 min), to execute auto shut down PC
- With software utility for configuration and monitoring

RoHS COMPLIANT 2002/95/EC CE CCC FCC c UL us

Introduction

The lightweight and intelligent power management module, protect Panel PC from electrical damage and greatly reduce the risk of losing data. The IPS module serves as temporary power during a short break in power and allows a safe system shutdown. It can be easily to install on din rail or on the back of Panel PC.
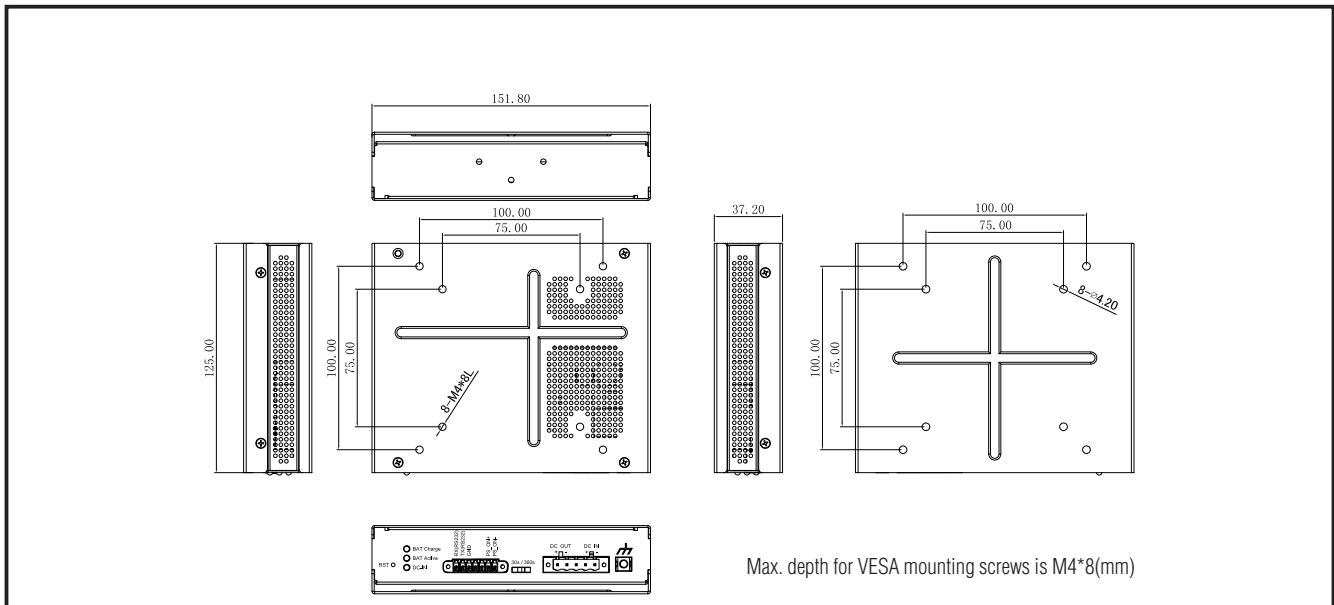
Specifications

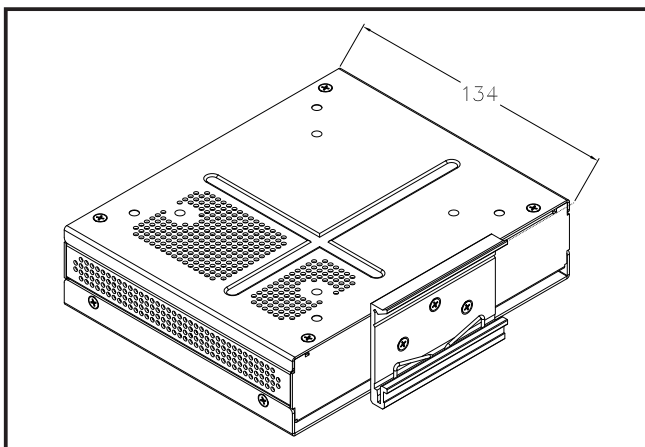|		
Input	Input Voltage	12~30 V
	Input power rating	90 W
	Charging current	2 A
Output	Output Voltage	24V +/-10%
	Max. output current	3 A
Battery	Battery Capacity	14.4 V$_{DC}$, 1750 mAH
	Lifetime	300 times of charge circle
Protection	Short-circuit protection	Yes
	Over discharge protection	IPS shuts down when 5% of battery capacity (Default)
Certification	EMC	CE, FCC, CCC, BSMI
	Safety	UL, CB, CCC, BSMI
Dimensions		151.8 x 125 x 37.2 mm (5.98" x 4.92" x 1.46")
Environment	Operating Temperature	0~50°C (Din rail mounting) 0-45°C (VESA mounting, secured with PPC)
	Storage Temperature	-20~50°C
	Relative Humidity	10 ~ 95% @ 40°C (non-condensing)
	Shock Operating	10 G peak acceleration (11 ms duration), follow IEC 60068-2-27
	Vibration	Operating Random Vibration Test 5~500Hz, 1Grms, follow IEC 60068-2-64
I/O Connectors		PS_ON to shut down PC RS-232 for monitoring and setting IPS

VESA Mount

Din-rail Mount

ADVANTECH **Fanless and Multi-functional Panel PCs**

All product specifications are subject to change without notice.   Last updated : 5-Jun-2015
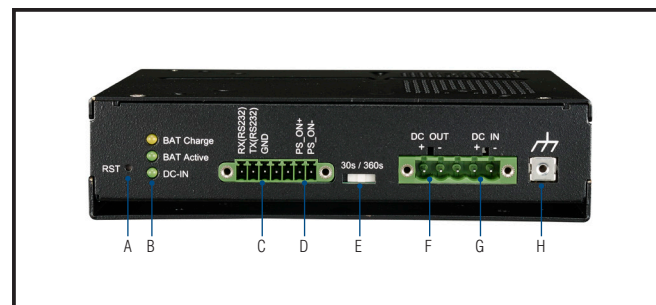
Max. depth for VESA mounting screws is M4*8(mm)

Din-rail Dimensions

134

I/O Appearance

A. System reset
B. Status indicators
C. RS-232 (for connecting a PC)
D. PS_ON (to shutdown PC)

E. Time switch (for setting auto shutdown)
F. DC out (2 pins)
G. DC input (2 pins)
H. Grounding

Ordering Information

Part No.	Description
PPC-IPS-AE	12~30 V_{DC} input/24 V_{DC} output, Uninterruptible Power Supply Module
PPC-IPSC-P1E	PPC-IPS power cable 1 m
PPC-IPSC-C1E	PPC-IPS control cable 1 m
1760001866-01	PPC-IPS battery pack (spare part)

Note: The PPC-IPS-AE is equipped with a battery pack / 300 mm power cable / 300 mm control cable.

If a longer cable is needed, the customer can order the 1 meter PPC-IPSC-P1E and PPC-IPSC-C1E cables.