

# Vanguard LT 3-Phase UPS SNMP Card Specification

## 1. General parameters

<b>Processor</b>	Cortex-A7 Dual Croe
<b>System clock</b>	1GHz _
<b>RAM</b>	DDR3 128M Byte
<b>Flash</b>	128M Byte
<b>Watchdog</b>	YES
<b>RTC</b>	YES
<b>LED indicator</b>	3
<b>LAN interface</b>	10M/100M
<b>Extended communication interface</b>	RJ11 , can be connected to IoT devices

## 2. Power specifications

	Range	Rated	Min	Max
Input				
DC input voltage		12V	8V _	1 5V _
DC input current		300mA _	100mA	500mA

## 3. Interface signal definition

### 3.1 Gold finger interface

Pin definition	Input/output information	describe
J1-1	GND	Ground
J1-2	+ 12V power input	DC power input
J1-3	RS232_TXD output 1	RS232 signal output (for communication)

J1-4	RS232_RXD input 1	RS232 signal input (for communication)
J1-5	RS232_TXD output 0	RS232 signal output (for debugging)
J1-6	RS232_RXD input 0	RS232 signal input (for debugging)
other	NC	null

### 3.2 USB interface

Standard USB 2.0 TYPE A interface .

### 3.3 Ethernet interface

Pin definition	Input/output information	describe
J2-1	TD+	Send data+
J2-2	TD-	send data-
J2-3	RD+	Receive data+
J2-4	NC	Public end
J2-5	NC	Public end
J2-6	RD-	Receive data-
J2-7	NC	Empty pin
J2-8	GND	Ground wire

### 3.4 COMM interface

Pin definition	Input/output information	describe
J3-1	+ 1 2V power output	External power supply (Maximum support 200mA )
J3-2	R S485+	R S485 bus A
J3-3	R S485-	R S485 bus B
J3-4	GND	Ground wire

## 4. Environmental specifications

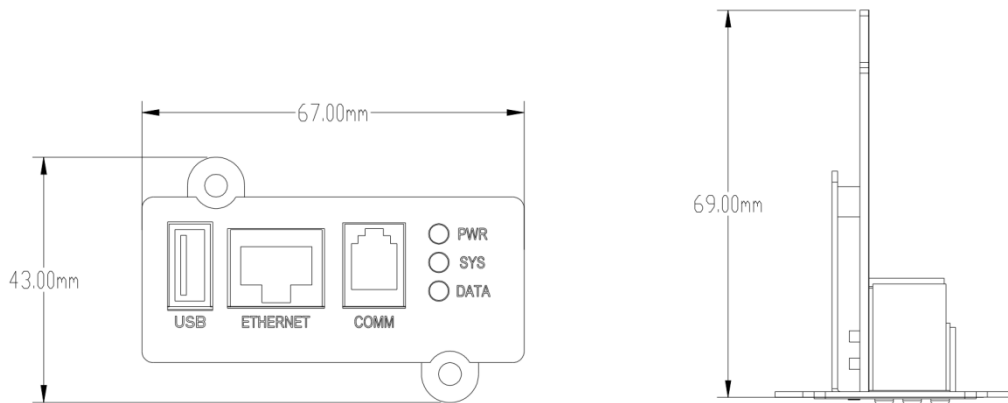
parameter	lowest temperature	maximum temperature

Operating temperature	0°C	70°C
storage temperature	-40°C	85°C
Working humidity	10%RH	90%RH
Storage humidity	5%RH	95%RH

## 5. Dimensions and appearance

total measurement	69.0mm(L) ×67.0mm(W) ×43.0mm(H)
Connection method	26-pin dedicated card slot

Structural dimension drawing:

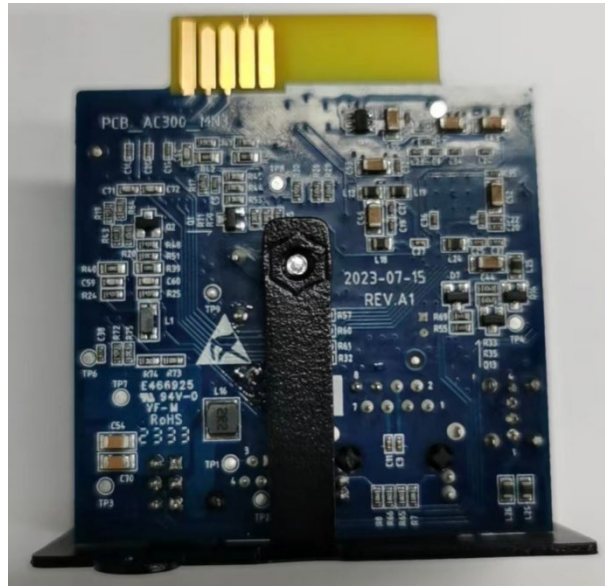


Appearance:



left





bottom