

Simple Network Management Protocol Card

(SNMP DA807)

Quick Installation Manual

Life Is On Schneider Electric

1.1 Features

DA807 is a new generation SNMP (Simple Network Management Protocol) monitoring product. Not only get the current status of it, also could provide other functions, ex. connects to SMS Modem, SMSAgent or SMS server to make the monitoring possible when there is an abnormal condition and send SMS notification.

This product is for "RS232" interface UPS. DA807 provides a simple and easy installation procedure. And it offers configurations that could be accomplished in the Web browser.

Features:

❶ Provide SNMP MIB to monitor UPS;

❷ Auto-sense 10M /100M /1000M Fast Ethernet;

❸ Manage and configure via Telnet, Web Browser or NMS;

❹ Support TCP/IP, UDP, SNMPV3, Telnet, SSH, FTP, FTPS, SNTP, PPP, HTTP, HTTPS, SMTP Protocol;

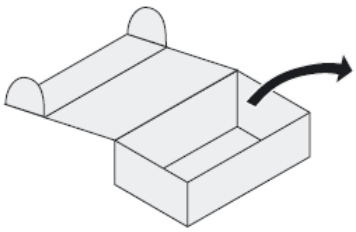
❺ Support SSL/TLS Encryption;

❻ Providing easy setup and upgrade;

❼ Send SNMP TRAP; E-mail and SMS for events notification;

❽ Auto email daily UPS history report

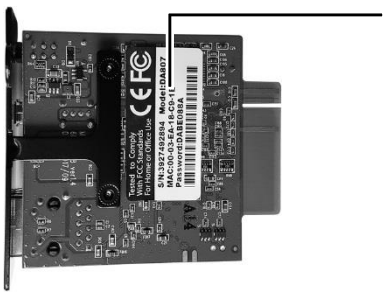
1.2 UNPACKAGING AND CHECKS

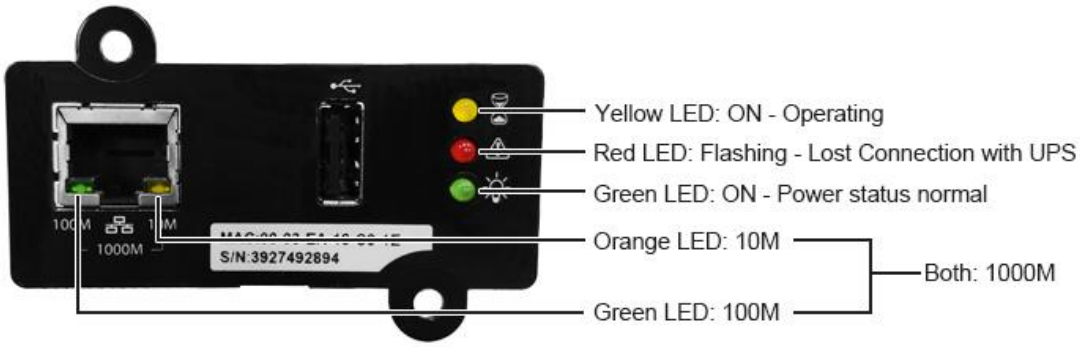






1.3 Outlook and LED Indication

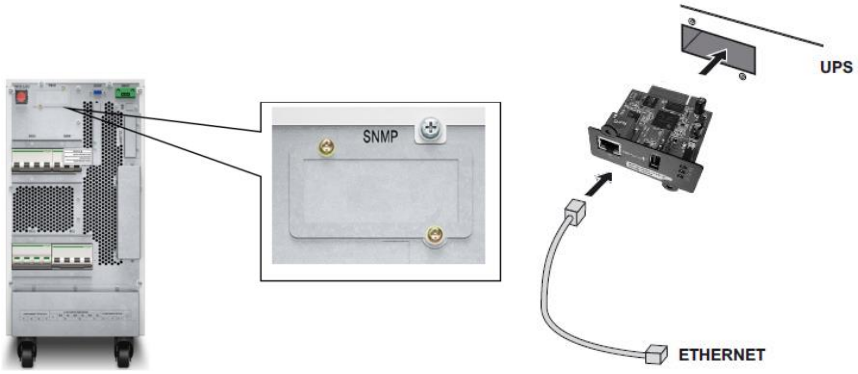




Status LED		
Yellow	ON	Operating
	OFF	Stop working
Green	ON	Normal
	OFF	No Power
Red	Flashing	Lost connection
	OFF	Connecting with UPS

2.1 Hardware Installation

- SNMP label on the rear of the UPS and remove the panel
- Insert DA807 into the slot and fit into the connector, and screw lock on the two sides
- Connect DA807 with computer via network cable to configure it
- Connect the ETHERNET.



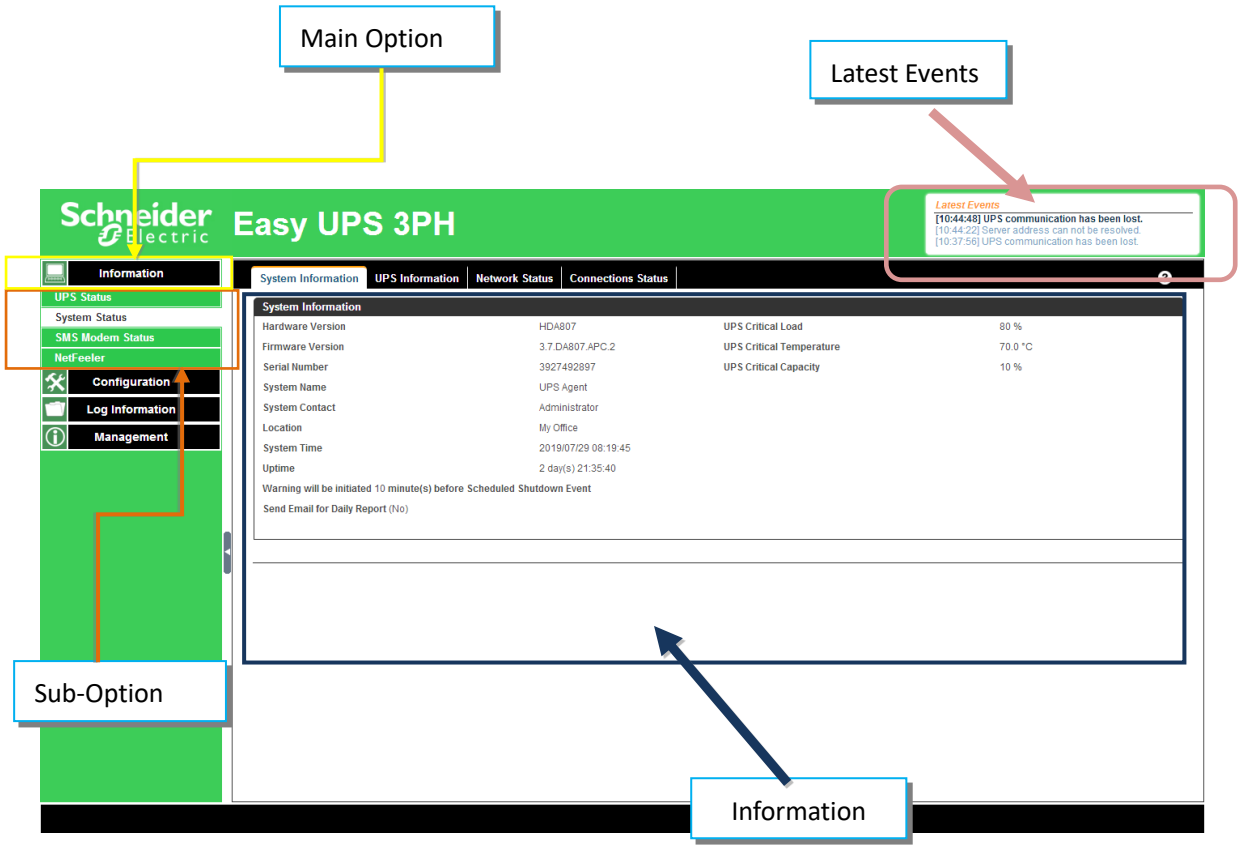
3.1 Introduction

DA807 can be login via web or Easy UPS 3PH SNMP Manager with protocol and encryption of HTTP/HTTPS/SSH/Telnet. Enter the IP address of DA807 to configure and monitor the UPS status.

3.2 Web Interface

To check whether the SNMP Card (DA807) is operational after installation and configuration, proceed as follows.

- Run a browser
- Enter in the address bar:
  Get the IP address from Easy UPS 3PH SNMP Manager.
- The home page is displayed Connect



3.2.1 UPS Configuration and IP setting

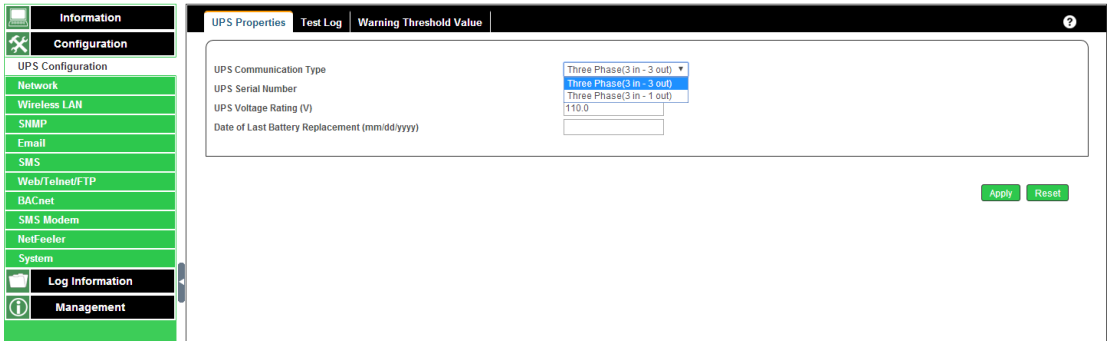
UPS Properties

UPS Communication Type:

In order to let DA807 and UPS to establish the communication, check the compatible protocol which your UPS supported from the list. Wrong protocol selected would cause no communication at all.

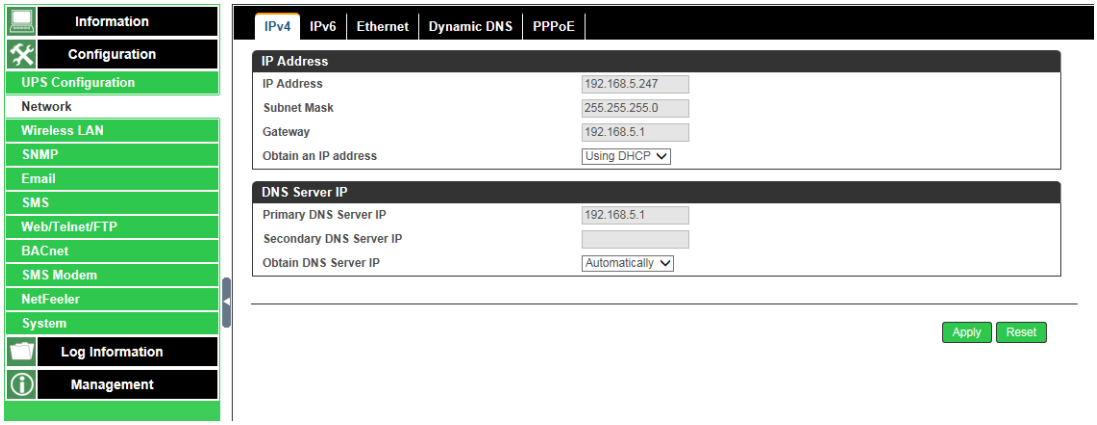
For 3 in – 3 out, select “Three Phase (3 in – 3 out)”.

For 3 in – 1 out, select “Three Phase (3 in – 1 out)”.



IP Setting

To set IP address



Specification

4.1 General Specification

CPU	ARM Cortex-A8 32bit
System Clock	600MHz
Flash Memory	128M Byte
SDRAM	128M Byte
LED	5
Watch Dog	Yes
USB Port	1 (for future use)
Modem Port	No
Environment Port	No
Real Time Clock	Yes
LCD Display	No
LAN Interface	10M/100M/1000M UTP
Ethernet Throughput	3M Byte per seconds
Ethernet Latency	0.2 milliseconds

4.2 Power Specification

ITEM	**Minimum**	**Maximum**
DC Input Voltage	+5V	+15V
DC Input Current		6W Maximum

4.3 Pin Assignment

Pin	**Input/Output**	**Description**
P1 GND	GND	Ground PIN
P2 PowerIn	Input	DC power input.
P3 RS232_TXD	Output	+5.5V and -5.5V Voltage level for RS232
P4 RS232_RXD	Input	-3V to -15V for logic '1', +3V to +15V for logic '0'
P5-P7 No USE		
P8 SNMPSIG		DA807 card plug in detect, connect to PIN 10
P9 GND	GND	Ground PIN
P10 SNMPSIG		DA807 card plug in detect, connect to PIN 8
P11-P26 No Use		

4.4 Signal Specification

4.4.1 Receiver Inputs

PARAMETER	CONDITIONS	MIN	TYP	MAX
Input Voltage Range		-25V		+25 V
Input Threshold Low	TA = +25°C	+0.6V	+1.2V	
Input Threshold High	TA = +25°C		+1.5V	+2.4V
Input Hysteresis			0.3 V	
Input Resistance	TA = +25°C	3 k ohm	5 k ohm	7k ohm

4.4.2 Transmitter Outputs

PARAMETER	CONDITIONS	MIN	TYP	MAX
Output Voltage Swing	All transmitter outputs loaded with 3k ohm to ground	±5.0V	±5.4V	
Output Resistance	TA = +25°C	300	10M	
Output Short-Circuit Current			±35 mA	±60 mA

4.4.3 USB Port

PARAMETER	DESCRIPTION
Output Power	Maximum 500mA
USB Function	Universal Serial Bus Specification Rev. 2.0
Data Transfer	Supports data transfer at High-speed (480Mbit/sec), Full-speed (12Mbit/sec) and Low-speed (1.5Mbit/sec)

4.5 Environment Specification

PARAMETER	CONDITIONS	Minimum	Maximum
Operating Temperature		0 °C	60 °C
Storage Temperature		-40 °C	85 °C
Operating Humidity	Non-Condensing	10% RH	90% RH
Storage Humidity	Non-Condensing	5% RH	95% RH

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