

SANYO DENKI UPS Options—Networking Products

Supports the Latest Version of IP Address: IPv6

There are limitations to the uses in combination with their predecessor models that are not IPv6 compatible. Contact us for details.

SANUPS LAN Interface Card

When equipped in our UPSs, this card enables 24/7 remote monitoring of UPS operations and status, and sends e-mail notifications to system administrators for quick actions via network in the event of a power failure.

Combined with temperature and humidity sensors, it enables you to monitor UPS ambient temperature and humidity. (PRLANIF013B-US only)



Model: PRLANIF011B-US



Model: PRLANIF013B-US + PRLANSN001

Models and compatible UPS models

Model no.	Compatible UPS models
PRLANIF011B-US	E11A / A11G-Ni / ASE-H / A11J
PRLANIF013B-US	E11A / A11G-Ni / ASE-H / A11J

Options

Model no.	
PRLANSN001	Temperature sensor
PRLANSN002	Humidity sensor

UPS Management Software

SANUPS SOFTWARE Ver.3.0.1

SANUPS SOFTWARE enables real-time monitoring of UPS status via Web, and alerts the customer/administrator when a problem is detected. Various settings are possible such as scheduled power on/off, providing improved reliability and better management of your UPS system.



Model no.

Windows version	
	PMS50B00E
	PMS50B00E-10 (10 licenses)
	PMS50B00E-50 (50 licenses)
	PMS50B00E-100 (100 licenses)
	PMS50B01E (with cable)

Multi-OS version (Windows, UNIX, Linux)	
	PMS51B00E
	PMS51B00E-10 (10 licenses)
	PMS51B00E-50 (50 licenses)
	PMS51B00E-100 (100 licenses)
	PMS51B01E (with cable)

Supported operating systems

for Windows

Windows 7 (x86 / x64)
Windows 8 (x86 / x64)
Windows 8.1 (x86 / x64)
Windows 10 (x86 / x64)
Windows Server 2008 R2
Windows Server 2012 / R2
Windows Server 2016 (x64)

for UNIX

Solaris10 / 11 (x86 / SPARC)
AIX6.1/7.1 (TL* and SP* released after the 16th week of 2013)

for Linux

Red Hat Enterprise Linux v.3 / v.4 / v.5 / v.6 / v.7** (x86 / x64 / IA-64)
SUSE Linux Enterprise Server 10 SP3* or later / 11 SP2* or later / 12 (x86 / x64)
MIRACLE LINUX V4.0 SP2* or later (x86 / x64)
MIRACLE LINUX Asianux Server 3 / 4 (x86 / x64)
VMWare ESX Server 4.0 / 4.1

* TL: Technology Level, SP: Service Pack

** As for Red Hat Enterprise Linux 7, v. 7.1 to 7.4 are supported.

LAN Interface Card

Functions		<ul style="list-style-type: none"> • Automatic shutdown of computers (cross-platform support) • Shutdown of computers in power redundancy • Automatic computer startup at power restoration • Scheduled operations • UPS status display (Web browser, SSH, and Telnet compatible) • SNMP agent (RFC1628, JEMA-MIB, SANYO DENKI private MIB) • E-mail transmission and reception • NTP (Network Time Protocol) compatible • Download and upload of UPS setting values • Test functions (script execution, e-mail transmission, SNMP trap transmission, shutdown, mail server setting check) • Event notification to syslog server • Measurement value deviation monitoring (UPS internal information, ambient temperature/humidity*) • Statistical graphs display • Coordinated power management of up to 5 UPS units
LAN communication**	Communication speed	100 / 10 Mbps (Auto-negotiation)
	Duplex mode	Full-duplex and half-duplex (Auto-negotiation)
Supported protocols		TCP/IP, UDP, DHCP (DHCPv4 only), SNMP (v1, v2c, v3), HTTP, HTTPs, Telnet, SSH, FTP, FTPs, SMTP (over SSL/TLS), POP3 (over SSL/TLS), APOP, NTP
Power consumption	PRLANIF011B-US	1.4 W
	PRLANIF013B-US	1.7 W max. (When 16 humidity sensors are connected to a LAN Interface Card)
Dimensions (W×D×H)	PRLANIF011B-US	105×125.5×23.5 mm
	PRLANIF013B-US	

* A maximum of 16 temperature/humidity sensors can be connected.

** It can operate in dual stack configuration using both IPv4 and IPv6. Devices can be registered with a hostname (can be resolved to either IPv4 or IPv6), or either an IPv4 or an IPv6 address.

Note: Applications are launched by Java Web Start or Java applets, from a web browser.

SANUPS SOFTWARE

Functions	<ul style="list-style-type: none"> • Automatic shutdown of computers (cross-platform support) • Shutdown of computers in power redundancy (only when used with our LAN Interface Card) • Execution of user commands • Automatic computer startup at power restoration • Scheduled operations • UPS status display (Web browser and Telnet compatible) • E-mail transmission and reception • Test functions (script execution, e-mail transmission, shutdown) • Event log viewer
PC-UPS connection configurations	UPS connection via serial port (serial or dry contact connection)
	Network connection via LAN Interface Card

Note: It can operate in dual stack configuration using both IPv4 and IPv6. Devices can be registered with a hostname (can be resolved to either IPv4 or IPv6), or either an IPv4 or an IPv6 address.

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