

UPS Connectivity Compatibility list

Version 12



GE imagination at work



Release history

Release	Date	Author
Rel.11	15.12.2010	Stefano Volpe

Release	Modification list				Status ²
	Nr.	Ch.	Page [Ⓜ]	Item	
Rel.0.4				Added EP Series, GT Series into the 1phase and SW pages Added UPSMAN/MON and RCCMD page	
Rel.0.5				Added GT Series CE/UL 5-10kVA Deleted NetPro Changed SNMP card SKU number for 3-phase UPS Removed references to Datashield Introduced UPSMAN/MON + RCCMD support for ML and 3-ph UPSs Usage of IMT protocol on 3-ph UPS products is not recommended Updated UPSMAN/MON Updated RCCMD	
Rel.0.6				Introduced SNMP support for UPSMAN/MON on 3-ph UPSs	
Rel.0.7				Introduced LP 33 CE/UL description	
Rel.0.8				Added UPSMAN and RCCMD compatibility with WINDOWS 7 (Professional or higher) x86/x64 CPU	
Rel.0.9				CE logs removed "SP" replaced with "SitePro" Series S1, S2 replaced with Series 1, Series 2 ecc.	
Rel.10				Removed IT Series compatibility column Added article n. 11227 on the Modbus section Added article numbers concerning RCCMD license available Added description 1-3Kva under GT Series tab concerning 1ph sw compatibility Removed RS232 and USB connection concerning the InsightPower Client for GT 1-3 KVA Added "SST" description after Service Software Tool Removed Jump Datashield from Compatibility list because of it reached its end of life cycle Added the description that an snmp card web adapter must have a fw equal to 2.0 or upper to make available the RCCMD directly from the card Removed SST software from Software tool section Added section related to Modbus OVER IP, together with Modbus TCP/IP license article number Moved GT series 1-3KVA column closest to GT Series 5-10KVA ones Added row related to Relay card n. 1021489 compatible with GT Series 5-10KVA CE Added Daisy 2010 under service software section for 3ph UPS software compatibility	
Rel. 11				Added Null Modem Cable (intelligent comm) cable row on single ph hw compatibility table	
Rel. 12				Removed Windows NT compatibility for UPSMAN	

² **RFC**=Request for comments; **T**=Temporary; **F**=Final; **PUB**=Published (Official)
[Ⓜ] The page number refers to the precedent main revision (bold numbers)



Index

1	Single phase UPS	3
1.1	Hardware compatibility.....	3
2	3-phase UPS.....	5
2.1	Hardware compatibility.....	5
2.2	Software compatibility.....	6
3	Data Protection Software	7
3.1	UPSMAN/MON.....	7
3.2	RCCMD	8



1 Single phase UPS

1.1 Hardware compatibility

PRODUCTS	SAP	ML Series	Match	EP Series	VH Series	GT Series	GT Series	GT Series	LP 11/31T	LP 31
						1-3kVA	5-10kVA	5-10kVA		
		CE	CE	CE	CE	UL	CE	UL	CE / UL	CE / UL
PROTOCOLS										
ML Series		X								
GT Series						X				
EP Series				X						
CP4			X		X		X	X	X	X
Contacts comm on RS232			X							X
RS232, USB & Relay										
Relay card	12459		X ¹							
Relay card	12458		X ²		X				X	X
Relay card	1021489						X			
Relay box	12466		X		X				X	X
USB card	1019332				X					
USB2Serial adapter	4001240	X	X		X		X	X	X	X
Option card RS232, USB, Relay	18802				X					
SNMP										
SNMP/Web adapter card (CP4)	1019070		X ¹		X				X	X
SNMP/Web adapter box (CP4)	1019071		X		X				X	X
EP SNMP Connect	18594			X						
GT Series (1-3kVA) SNMP card	UPS16400					X				
SP SNMP / Web plug-in adapter	23954						X	X		
SERIAL intelligent (*)										
ML-Series (intelligent comm)	1014341	X								
Vic-23 (intelligent comm)	1009231		X							X
IMV-I (intelligent comm) – Standard 1:1	12469				X ⁵			X	X	
Null Modem / Crossed Cable (intelligent comm)							X			
SERIAL contact										
IMV-C (contacts comm)	12470		X							
IBM AS400 cable	1009230		X							
Contact UPS Relay box	12466		X							
Contact UPS Splitter Box 2-way	12467		X							
Contact UPS Splitter Box 4-way	1009226		X							
Contact UPS Alarm Box	12214		X							
Contact UPS Shutdown Adapter	12460		X							
IRIS										
Interlink V2.0 GPRS	19462		X		X		X ⁴	X ⁴	X ³	X ³
Interlink V2.0 analogue modem	20470		X		X		X ⁴	X ⁴	X ³	X ³
MODBUS RTU										
Modbus RTU RS232	16276		X		X		X	X	X	X
Modbus RTU RS485	16275		X		X		X	X	X	X
Converter RS232-RS485, incl. power supply (**)	11227									
MODBUS OVER IP (Snp Web Adapter Required)										
Modbus OVER IP license	24864									

"X" = Device Supported "X¹" = Not for Match 500-700 and Match 19" 700 "X²" = For Match (19") 2200-3000

"X³" = In case of parallel only system information available

"X⁴" = Only connected UPS values showed by a parallel system "X⁵" = Only in case of Option card 18802 installed

(*) NOTE: Always use the serial cable provided with the UPS

(**) NOTE: This article does not depend on UPS type. It has to be used to convert RS232 to RS485/422 and vice versa.



PRODUCTS	SAP	ML Series	Match	EP Series	VH Series	GT Series	GT Series	LP 11/31T	LP 31	GT Series
						5-10kVA	5-10kVA			1-3kVA
		CE	CE	CE	CE	CE	UL	CE / UL	CE / UL	UL
UPSMAN/MON										
RS232		X	X		X	X	X	X	X	
USB2Serial adaptor pack	4001240	X	X		X	X	X	X	X	
Option card for RS232, USB & Relays	18802				X					
SNMP/Web adapter card (CP4)	1019070		X ²		X			X	X	
SNMP/Web adapter box (CP4)	1019071		X		X			X	X	
SP SNMP / Web plug-in adapter	23954					X	X			
RCCMD										
UPSMAN/MON with RCCMD Server		X	X		X	X	X	X	X	
SNMP/Web adapter card (CP4) (*)	1019070		X ¹²		X ¹			X ¹	X ¹	
SNMP/Web adapter box (CP4) (*)	1019071		X ¹		X ¹			X ¹	X ¹	
SP SNMP / Web plug-in adapter (*)	23954					X ¹	X ¹			
RCCMD single license, from 1 to 19 licenses	19432		X		X	X	X	X	X	
RCCMD single license, from 20 to 49 licenses	19433		X		X	X	X	X	X	
RCCMD single license, from 50 to 199 licenses	19434		X		X	X	X	X	X	
RCCMD single license, from 200 to 499 licenses	19435		X		X	X	X	X	X	
RCCMD single license, from 500 to 999 licenses	19436		X		X	X	X	X	X	
RCCMD license AS 400	19437		X		X	X	X	X	X	
RCCMD License VMS	19438		X		X	X	X	X	X	
Insight Power Client										
RS232										
USB										
SNMP										X
EP Communication										
RS232				X						
USB				X						
SNMP				X						
IRIS local										
1-ph SNMP/Web plug-in adapter	1019070		X ²		X			X	X	
1-ph SNMP/Web external adapter	1019071		X		X			X	X	
EP SNMP Connect	18594			X						
SP SNMP / Web plug-in adapter	23954					X	X			
IRIS Web										
SNMP/Web adapter card (CP4)	1019070		X ²		X			X ³	X ³	
SNMP/Web adapter box (CP4)	1019071		X		X			X ³	X ³	
SP SNMP / Web plug-in adapter	23954					X ⁴	X ⁴			
InterLink V2.0 GPRS	19462		X		X	X ⁴	X ⁴	X ³	X ³	
InterLink V2.0 modem	20470		X		X	X ⁴	X ⁴	X ³	X ³	
Service Software										
UPS configuration tool			X		X	X	X	X	X	

"X¹" = Requires SNMP card firmware version 2.0 or higher

"X²" = Not for Match 500-700 and Match 19" 700

"X³" = In case of parallel only system information available

"X⁴" = Only connected UPS values showed by a parallel system

(*) = RCCMD feature to shutdown remote servers directly from snmp card is available from fw 2.0 onward



2 3-phase UPS

2.1 Hardware compatibility

PRODUCTS	SAP	LP 33 UL	CE/ UL	Site Pro Series 4	Site Pro Series 5	Site Pro Series 6,7,8	SG Series CE	SG Series UL
PROTOCOLS								
IMT				X	X	X ¹	X ¹	
IMV		X				X	X	X
SNMP								
LincBox + SNMP/Web adapter box	11483+1019071			X	X	X ¹	X ¹	
3-ph SNMP / Web plug-in adapter	1018959	X				X	X	X
SERIAL intelligent								
IMV-I (intelligent comm) – Standard 1:1	12469	X		X	X	X	X	X
SERIAL contact								
Contact UPS Splitter Box 2-way	12467	X		X	X	X	X	X
Contact UPS Splitter Box 4-way	1009226	X		X	X	X	X	X
Relay card								
Relay card LP33	1012732	X						
IRIS								
Interlink V2.0 GPRS	19462	X		X	X	X	X	X
Interlink V2.0 analogue modem	20470	X		X	X	X	X	X
MODBUS RTU								
Modbus RTU RS232	16276	X				X	X	X
Modbus RTU RS485	16275	X				X	X	X
Linc Box + Modbus RTU RS232	11483+16276			X	X	X ¹	X ¹	
Linc Box + Modbus RTU RS485	11483+16275			X	X	X ¹	X ¹	
Converter RS232-RS485, incl. power supply (*)	11227							
MODBUS OVER IP (Sntp Web Adapter Required)								
Modbus OVER IP license	24864	X		X	X	X	X	X

"X" = Device Supported

"X1" = This configuration is supported but NOT recommended. It may require "RS232 galvanic isolation" kit

(*) NOTE: This article does not depend on UPS type. It has to be used to convert RS232 to RS485/422 and vice versa.



2.2 Software compatibility

PRODUCTS	SAP	LP 33 CE/ UL	Site Pro Series 4	Site Pro Series 5	Site Pro Series 6,7,8	SG Series CE	SG Series UL
UPSMAN/MON							
RS232		X			X	X	X
USB2Serial adaptor pack	4001240	X			X	X	X
3-ph SNMP/Web plug-in adapter	1018959	X			X	X	X
RCCMD							
UPSMAN with RCCMD server		X			X	X	X
3-ph SNMP/Web plug-in adapter (*)	1018959	X			X	X	X
RCCMD single license, from 1 to 19 licenses	19432	X	X	X	X	X	X
RCCMD single license, from 20 to 49 licenses	19433	X	X	X	X	X	X
RCCMD single license, from 50 to 199 licenses	19434	X	X	X	X	X	X
RCCMD single license, from 200 to 499 licenses	19435	X	X	X	X	X	X
RCCMD single license, from 500 to 999 licenses	19436	X	X	X	X	X	X
RCCMD license AS 400	19437	X	X	X	X	X	X
RCCMD License VMS	19438	X	X	X	X	X	X
IRIS local							
LincBox + SNMP/Web adapter box	11483+1019071		X ¹	X ¹	X ¹	X ¹	
3-ph SNMP / Web plug-in adapter	1018959	X			X	X	X
IRIS Web							
LincBox + SNMP/Web adapter box	11483+1019071		X ¹	X ¹	X ¹	X ¹	
3-ph SNMP / Web plug-in adapter	1018959	X			X	X	X
InterLink V2.0 GPRS	19462	X	X	X	X	X	X
InterLink V2.0 analogue modem	20470	X	X	X	X	X	X
Service Software							
Daisy 2010 license (**)	25146	X	X	X	X	X	X

"X" = Device Supported

"X¹" = In case of parallel system, only system information available

(*) = RCCMD feature to shutdown remote servers directly from snmp card is available from fw 2.0 onward

(**) = Application has to be downloaded and installed from AS&S Support Central community



3 Data Protection Software

3.1 UPSMAN/MON

Operating system	RS 232	USB*	SNMP**	notes
MS Windows 2000; CPU x86,XEON	X	X	X	
MS Windows XP SVP1&2; CPU x86,x64,XEON with Hyperthreading	X	X	X	
MS Windows2003 Server SVP1&2; CPU x86,x64,XEON with Hyperthreading	X	X	X	
MS Windows Vista (Business or higher); CPU x86,x64	X	X	X	
MS Windows Server 2008, CPU x86,x64,XEON (Standard, Enterprise, Datacenter, Webserver)	X	X	X	
WINDOWS 7 (Professional or higher) x86/x64 CPU	X	X	X	
SUN SOLARIS 8, 9, 10, 11; CPU x86, x64 XEON, SPARC	X	X		
IBM AIX V. 5.3 RS 6000;CPU RISC and PowerPC	X	X		
HP UNIX V 10.20, 11.0-11i; CPU HP PA-RISC (not Itanium)	X	X		
LINUX; CPU x86/x64 XEON	X	X		
United 1.x	X	X		
SCO Linux Server 4	X	X		
SUSE 7-10.x & SLES	X	X		
Fedora Linux	X	X		
GENTOO Linux	X	X		
RedHat 7.0-9.0	X	X		
RH 4	X	X		
RH 5	X	X		
TurboLinux 6.1-6.5, 7.x	X	X		
Debian	X	X		
Caldera Open Linux 2.3	X	X		
Open Linux 3.1.x	X	X		
Ubuntu	X	X		
Other x86/x64 kernel 2 based LINUX	X	X		
FREE BSD UNIX SVR 4 X86 V 4.4x and 6.x	X	X		
MAC OS X 10.4x, 10.5.x		X		

USB*: USB Prolific driver compatibility required
SNMP**: system SNMP service need to be installed



3.2 RCCMD

Operating system	notes
MS Windows 98 SE; CPU x86	
MS Windows ME; CPU x86	
MS Windows NT 3.51; CPU x86, ALPHA	
MS Windows NT 3.15; CPU MIPS	
WINDOWS NT 4.0 SVP3-6a; CPU x86,XEON	
MS Windows 2000; CPU x86,XEON	
MS Windows XP SVP1&2; CPU x86,x64,XEON with Hyper threading	
MS Windows2003 Server SVP1&2; CPU x86,x64,XEON with Hyper threading	
MS Windows 2003 Server; CPU ITANIUM 64	
MS Windows Vista (Business or higher)	
MS Windows Server 2008, CPU x86,x64,XEON (Standard, Enterprise, Datacenter, Webserver)	
WINDOWS 7 (Professional or higher) x86/x64 CPU	
SUN OS 4 SPARC CPU	
SUN SOLARIS 8, 9, 10, 11; CPU x86, x64 XEON, SPARC	
UNIXWARE 7.x SVR 4; CPU compatible x86	
SCO Open Server 5.x SVR 3; CPU compatible x86	
SCO Open Server 6.0 SVR 4; CPU compatible x86	
SILICON GRAPHICS IRIX V. 6.5x; CPU RISC, MIPS	
SIEMENS SINIX 5.41; CPU MX 300 Z x86	
SIEMENS SINIX 5.41 – 5.45, RELIANT UNIX 5.45x RM RISC	
IBM OS/2 Version WARP 3.0, 4.0, LAN SERVER 3.0, 4.0, 5.0; CPU x86	
IBM AIX V. 3.25, 4.1, 4.3, 5.1, 5.3; CPU RS 6000 RISC, PowerPC	
IBM AIX V. 6 ; CPU PowerPC 4, 970, Power5, Power6	
IBM AIX L (Linux) ; CPU Power6	
HP UNIX 9 PA; CPU RISC	
HP UNIX V 10.20, 11.0-11i; CPU HP PA-RISC (not Itanium)	
HP UNIX V 11.2x; CPU ITANIUM 64	
HP/COMPAQ TRU64 V 5.x ALPHA CPU, Digital UNIX V 4.0-5.1 ALPHA CPU	
LINUX; CPU x86/x64 XEON	
United 1.x	
SCO Linux Server 4	
SUSE 7-10.x & SLES	
Fedora Linux	
GENTOO Linux	
RedHat 7.0-9.0	
RH 4	
RH 5	
TurboLinux 6.1-6.5, 7.x	
Debian	
Caldera Open Linux 2.3	
Open Linux 3.1.x	
Ubuntu	
QNX 4, QNX 6; CPU x86	
Other x86/x64 kernel 2 based LINUX	
LINUX ITANIUM X64 CPU	
LINUX SUSE 6.3x APX; CPU ALPHA	



Operating system	notes
FREE BSD UNIX SVR 4 X86 V 4.4x and 6.x	
VMWARE ESX Server 3.5.x	
DEC UNIX SVR 3 OSF/1 ALPHA CPU	
Data General UNIX; CPU x86	
Data General UNIX; CPU Motorola M88	
Motorola UNIX; CPU M88	
UNIXWARE 2, 7; CPU x86	
Interactive UNIX 3.2;CPU x86	
MAC OS 9.x or higher	
MAC OS X 10.x.x	
NOVELL NetWare 3.10, 3.11, 3.20, 4.10-4.20, 5.0, 5.1, 6.0, 6.1, 6.5	
Citrix XEN Server	
OPEN VMS on ALPHA AXP CPU V.7x (last compiled on V 7.3.2) V.8.0	Special license required
VMS VAX 5.5	Special license required
IBM OS 400 (V4R7x, V5R3M0 and higher, new name "i5/OS")	Special license required

