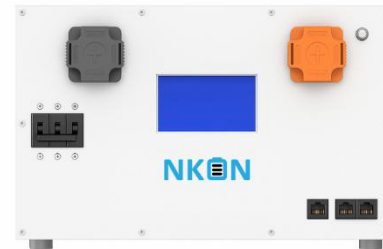




Compatibility list

NKON ESS Eco & Pro

OUR PRODUCTS ARE ALWAYS EVOLVING, SO THE UNIT DEPICTED BELOW MAY DIFFER SLIGHTLY FROM THE UNIT YOU RECEIVE.



Low voltage (hybrid) inverters only!

Inverter Brand	Inverter Type	COMM.	Firmware Ver	Notes
Afore	AF3~6K-SL Series	Pylon_CAN	1,01	
Afore	AF4~6K-SLP Series	Pylon_CAN	1,01	
Afore	AF1~3.6K-ASL-1 Series	Pylon_CAN	1,01	
Afore	AF3~6K-ASL Series	Pylon_CAN	1,01	
Afore	AF1~6K-SL-0 Series	Pylon_CAN	1,01	
Afore	AF1~6K-ASL-0 Series	Pylon_CAN	1,01	
AISWEI	ASW3000/3680/4000/5000H -S	Pylon_CAN	master v610-02001-00	DSP:V610-02003-01
AISWEI	ASW3000/3680/4000/5000/6000H -S2	Pylon_CAN	Safety:V610-10008-03	
Alpha & Outback Energy	SPCIII-5000-48	Pylon_485 (9600)	91,24	
Alpha & Outback Energy	SPCIII-7200-48	Pylon_485 (9600)	45,06	
Alpha & Outback Energy	SPCIIS-5000-48	Pylon_485 (9600)	71,1	
APsystems	EZHI series	Pylon_CAN	1.0.4.0	
APsystems	ELS-5K	Pylon_CAN	Hardware version Rev1.2.4	Software version Rev1.2.X
Bentterson	SAL-serie	Deye_485		
CE+T	Sierra 25 (48Vdc)	Pylon_CAN	V16.4.0	
CHINT POWER	ECH3K ~ 6K-SML-EU	Pylon_CAN	LCD: 29.08	
CHINT POWER	ECA3K ~ 6K-SNL-EU	Pylon_CAN	DSP: 05.95	
Delios s.r.l.	DLS/C series	Pylon_CAN	A 1.30; B 1.18; C1.27	
Delios s.r.l.	DLS AC series	Pylon_CAN	A 1.30; B 1.18; C1.27	
Deye (Sunsynk)	SUN-SG01LP1 series	Deye_485 / Pylon_CAN	V1586	
Deye (Sunsynk)	SUN-SG03LP1 series	Deye_485 / Pylon_CAN	V1586	
Deye (Sunsynk)	SUN-SG04LP1 series	Deye_485 / Pylon_CAN		

Deye (Sunsynk)	SUN-SG04LP3 series	Deye_485 / Pylon_CAN	
Deye (Sunsynk)	SUN-SG05LP1 series	Deye_485 / Pylon_CAN	
Deye (Sunsynk)	SUN-SG05LP3 series	Deye_485 / Pylon_CAN	
EAST	EAHI-3000 ~ 6000-SL	Pylon_485	master V1001, dsp V1004
EASUN Power	Hybrid-categorie (48 V)	Voltronic_485	
EFFEKTA	AX-M1 4000/5000-48 (via Com Box)	Pylon_485 (9600)	54.40/74.40
EFFEKTA	AX-K1 4000/5000-48 (via Com Box)	Pylon_485 (9600)	14.40/34.40
EFFEKTA	AX-M2 4000/5000-48	Pylon_485 (9600)	51.00/72.01
FSP Power Solution GmbH	PowerManager series 4-15kW Offgrid PMI III / Zero	Pylon_485 (9600)	V1.00 V2.61
Goodwe	GW-BP/SBP	Goodwe_CAN	
Goodwe	h GW-ES/ES-C10 EM	Goodwe_CAN	
Growatt	SPH 3000 - 6000	Growatt_CAN	RA1.0
Growatt	SPF 2000 - 5000 HVM-48/ c LVM-48P	Growatt_485	GW500.08/502.05/503.03/5 07.03
Growatt	SPF 5000 ES / SPF 6000 ES PLUS	Growatt_CAN	Main CPU 067.02 / Slave CPU 068.02
Growatt	SPF 12000T DVM-US	Growatt_CAN	
Growatt	c M2000H/3000H/5000H - 48	Growatt_485	SK001.11/012.06/013.03/03 5.00
Growocol	MKS IV 5.6KW -B	Pylon_485 (9600)	
Growocol	MKS IV 6KW TWIN	Pylon_485 (9600)	
Growocol	MAX II-8000	Pylon_485 (9600)	
Hoymiles	HYS-LV Series	Pylon_CAN	Power - V01.04.19 and above

Hoymiles	HAS-LV Series	Pylon_CAN	Safety - V01.02.13 and above	
HYPONTECH	HES 3000 - 6000	Pylon_CAN	DSP: V1.0.0.21 ARM: V1.0.0.12	
Imeon Energy	IMEON 3.6	Pylon_CAN	V1.7.6.5	
Imeon Energy	IMEON 9.12	Pylon_CAN	V1.7.6.5	
Ingeteam Power Technology	ISS 1Play TL M series	Pylon_CAN	ABH1007_D	
INVT	BD series(1)	Pylon_CAN	V1.06(1) 417-412-207(2)	
INVT	XD3~6KTL series(2)	Pylon_CAN	LCD:V1.13 DSP:V1.24(1)	
Kehua	SPH5000-BL	Pylon_CAN	V1.00.013	
LEDIT	FVDi series	Pylon_CAN	A 1.30; B 1.18; C1.27	
Livoltek	Hyper series	Pylon_CAN	1,78	
Livoltek	Retro series	Pylon_CAN	ARM V0.59 DSP V0.13	
Livoltek	GF1-3K/5K48S1	Pylon_CAN		
Livoltek	BV1-3K/5K48S1	Pylon_CAN		
Lux Power	LXP 3-6K Hybrid	Pylon_CAN	AA1.0	
Lux Power	ACS series	Pylon_CAN	AA1.0	
Lux Power	SNA series	Pylon_CAN	AA1.0	
Lux Power	LXP-LB-EU Series	Pylon_CAN	EA1.0 (for 8K/10K model)	
Lux Power	LXP-LB-US Series	Pylon_CAN	fA1.0 (for 12K model)	
Luxpower	LXP / GEN-LB / GEN2-LB / LXP-LB series	Pylon_CAN		
MEGAREVO	RKL1 Series	Pylon_CAN	ARM: 1.00.28 DSP: 1.01.23	
MEGAREVO	R5K/6K/7K/8KLNA	Pylon_CAN	ARM:1.03.12 DSP:1.04.11	
Moixa	Smart Battery V4 3000	Pylon_CAN	V2.2.1	
Moixa	GridShare Hub	Pylon_CAN	V2.2.1	
Morningstar	f GS-MPPT-60M/80M/100M-200V	Pylon_CAN	v2.0	6
MPP Solar	MPI Hybrid Series & HYBRID V / HV2 48 V	Voltronic_485		

MUST	PV1800 VHM 3KW - 5.5KW	Pylon_CAN	1.17.06	
Noark	Ex9N-DH-3~8KS-AU series	Pylon_CAN	V1139	
Noark	Ex9N-DH-5~12KT-AU series	Pylon_CAN	V1139	
OPTI-Solar	SP5000 Brilliant series	Pylon_485 (9600)	V1.00/00.32	
OPTI-Solar	SP5000 Regal/Handy Plus	Pylon_485 (9600)	V1.00/00.32	
Phocos	Any-grid PSW-H-5kW-230/48V	Pylon_485 (9600)	V1.00	
Sacolar	48 V Hybrid models	Growatt_CAN		
SAJ	Sunfree series	Pylon_485	V2.031/V1.037	
SAJ	H1 series	Pylon_CAN	V2.094/V1.318	
Schneider- Electric	Conext XW Pro series	Pylon_CAN	Gateway: V1.06 XW+ Pro: V1.04 (UL) / V1.05 (IEC)	
Selectronic	SPMC 480	Pylon_CAN		
Selectronic	SPMC 481	Pylon_CAN		
Selectronic	SPMC 482	Pylon_CAN		
Senergy	SE 4K6/5K/6KHB-60/120	Pylon_485 (9600)	0.6.0	5
Senergy	SE 4K6/5K/6KAC	Pylon_485 (9600)		5
Sermatec	SMT-5K-TL-LV	Pylon_CAN / Pylon_485 (9600)		
SMA Solar Technology AG	SI 4.4-M	SMA_CAN		4
SMA Solar Technology AG	SI 6048US	SMA_CAN		
SMA Solar Technology AG	SI 6.0-H	SMA_CAN		4
SMA Solar Technology AG	SI 8.0-H	SMA_CAN		4
Sofar	ME3000SP	Sofar_CAN	V1.2	
Sofar	HYD series	Sofar_CAN	V1.2	
Sol-Ark	Sol-Ark-5K/8K-48-ST	Pylon_CAN	V1430	
Sol-Ark	Sol-Ark-5K-120V	Pylon_CAN	V1430	
Sol-Ark	Sol-Ark-8K-120/230V	Pylon_CAN	V1430	

Sol-Ark	Sol-Ark-8K-230-1P	Pylon_CAN	V1430
Sol-Ark	Sol-Ark-12K-P,	Pylon_CAN	V1430
Sol-Ark	Sol-Ark-12K-3P-380V	Pylon_CAN	V1430
Sol-Ark	Limitless 15K-LV	Pylon_CAN	V1430
SolarMax	ES series	Pylon_CAN	A 1.30; B 1.18; C1.27
SolarMax	AC series	Pylon_CAN	A 1.30; B 1.18; C1.27
Solavita	SWH3600 ~ 6000L-S1-SR	Pylon_485	V2.85.37
Solavita	SWH008 ~ 012KL-S1-SR	Pylon_485	V8.31.13
Solis	RHI/RAI series	Ginlong_CAN	90009
Solis	S5-EA1P3K-L	Ginlong_CAN	
Solis	S6-EA1P(3.6-6)K-L	Ginlong_CAN	
Solis	S6-EO1P(4-5)K-48	Ginlong_CAN	
Solis	S5-EH1P(3-6)K-L	Ginlong_CAN	
Solis	S6-EH1P(3-6)K-L-EU	Ginlong_CAN	
Solis	S6-EH2P(9.6-16)K-SV-YD-H-US	Ginlong_CAN	
SOROTEC	REVO II - 48V Series	Sofar_CAN	
SOROTEC	REVO E PLUS - 48V Series	Sofar_CAN	Inverter:1.5.4
SOROTEC	REVO VM II - 48V Series	Sofar_CAN	Control board: 64
SOROTEC	REVO VM PLUS - 48V Series	Sofar_CAN	
SRNE	HF/HFP/HESP/HYP Series	SRNE_485	
SRNE	ASF/ASP/ABP Series	SRNE_485	
Studer Innotec	Xtender 48V serie	Studer_CAN	R652
Studer Innotec	VarioString serie	Studer_CAN	R652
Studer Innotec	VarioTrack 48V serie	Studer_CAN	R652
Sungrow	SH5K	Pylon_CAN	V13
TBB	Kinergier Pro: CK-II 2.0S-3.0S (1)	Pylon_CAN	LCD:V1.14 DSP:V1.11(2)
TBB	CK-II 2.0M-3.0M(2), CK4.0S-8.0S(3)	Pylon_CAN	LCD:V1.14 DSP:V1.11(2)
TBB	Kinergier Pro-II: CK-II 3.0M-8.0S	Pylon_CAN	LCD:V2.00 DSP:V2.00
TBB	RiiO: 2KVA - 6KVA(1)	Pylon_CAN	LCD:V1.11 DSP:V2.06 (1)

TBB	RiiO II: 3KVA - 8KVA(2)	Pylon_CAN	LCD:V1.04 DSP:V1.03(2)	
TBB	RiiO Sun: 2KVA - 6KVA(3)	Pylon_CAN	LCD:V1.11 DSP:V2.06 MPPT:V1.10(3)	
TBB	RiiO Sun II: 3KVA - 8KVA(4)	Pylon_CAN	LCD:V1.04 DSP:V1.03(4)	
TBB	Apollo Matrix: 3.0M-5.0S	Pylon_CAN	LCD:V1.15 DSP:V1.24 MPPT:V1.10	
Victron Energy	Multiplus 48V (via Venus OS)	Victron_CAN	422/V2.15	1
Victron Energy	Quattro 48V (via Venus OS)	Victron_CAN	422/V2.15	1
Voltronic	Infinisolar series 48V	Voltronic_485	V1.00	
Voltronic	Axpert series 48V	Voltronic_485	V2.61	2
Western CO.	LEONARDO PRO 3000/48 Li (via Western LK3)	Pylon_CAN	V1.1	
Zucchetti Centro Sistemi	Azzurro 3000SP	Pylon_CAN / Pylon_485 (115200)	V1.2	
Zucchetti Centro Sistemi	Azzurro HYD3000/6000-ES	Pylon_CAN / Pylon_485 (115200)	V1.2	

1. When using a Victron Multi/Quattro in an off-grid application via a Venus device, a Victron MPPT or another Victron-compatible PV inverter is required to prevent system shutdown
2. When working with the Voltronic Axpert series, only the VM III and King models support RS485 communication. All other Axpert models can only be configured via manual settings
3. When used with the corresponding Growatt SPF/M series models, the battery's depth of discharge (DoD) must be set to 80% or lower according to the inverter's logic. Otherwise, the system may shut down and the battery may require manual recharging
4. When used with the SMA SI4.4-M / SI6.0-H / SI8.0-H, the minimum configuration requirements specified by SMA must be followed to ensure a valid setup
5. When used with a Senergy inverter, only one battery string can be configured; multiple strings are not supported
6. When used with the GS-MPPT-60M/80M/100M-200V, the ReadyBMS accessory is required for closed-loop operation