CLASSIC & COMPACT LV BATTERY COMPATIBILITY REGISTER

SA-CC-001

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APPLICABLE SUNSYNK INVERTER MODELS — COMPATIBILITY IS CONFIRMED ON

Product Description	Product Code
Hybrid Inverter Compact 5kW 1P LV IP65 Whi	SYNK-5K-SG04LP1-SM2
Hybrid Inverter Compact 8kW 1P LV IP65 Whi	SYNK-8K-SG05LP1-SM2
Hybrid Inverter 5kW 1P LV IP65 Whi	SUNSYNK-5K-SG03LP1
Hybrid Inverter 8kW 1P LV IP65 Whi	SUNSYNK-8K-SG02LP1
Hybrid Inverter 10kW 1P LV IP65 Whi	SYNK-10K-SG02LP1
Hybrid Inverter 12kW 1P LV IP65 Whi	SYNK-12K-SG02LP1
Hybrid Inverter 16kW 1P LV IP65 Whi	SYNK-16K-SG01LP1PLUS
Hybrid Inverter 16kW 1P LV IP65 Whi	SYNK-16K-SG01LP1
Acure 8kW 1P LV IP65 Whi	SunC2-8.0LV01W
Acure 8kW 1P LV IP65 Blk	SunC2-8.0LV01B
Hybrid Inverter 8kW 3P LV IP65 Whi	SYNK-8K-SG04LP3
Hybrid Inverter 10kW 3P LV IP65 Whi	SYNK-10K-SG04LP3
Hybrid Inverter 12kW 3P LV IP65 Whi	SYNK-12K-SG04LP3
Hybrid Inverter 20kW 3P LV IP65 Whi	SUNSYNK-20K-SG05LP3-EU-SM2

BATTERY COMPATIBILITY LIST

APPROVED BATTERIES
Free Additional 5year Sunsynk Inverter Warranty Extention

Brand	Compatible Battery Model(s)	RS485 or CAN	Inverter Setup
Sunsynk	CATL — 5.12 W-Series — 5.3, 10.6 G-Series — 5.1, 5.3 L-Series — 3.0, 5.1, 5.3 X-Series — 5.12-F, 10.24-F, **16,07-SX** SUN-BATT — 5.12, 5.32, 10.65, 15.96, **16.07** RADIA **5.12-R-01, 10.49-R-02, 16.07-R-00** **ES— 5.12, 16,00**	CAN	00
BSLBATT	BSL 3U 1.5C / B-LFP48-100E 3U – 5.12 **BSLBATT ECO 5 / ECO 5.12 – 5.12** **BSLBATT R65 – 6.50** **BSLBATT Neuro 5 – 5.12** **BSLBATT Neuro 10 – 10.24** **BSLBATT Neuro 15 / B-LFP48-280PW – 14.33** **BSLBATT Neuro 16 – 16.076** **BSLBATT Neuro 16 Pro / Pro+ – 16.076**	CAN	00

COMPATIBLE BATTERIES

Brand	Compatible Battery Model(s)	RS485 or CAN	Inverter Setup
DYNESS	B4850 / POWERBOXF / A48100 / Powerbrick Max 16.07kWh / DL5.0F 5.12kWh / DL5.0C V2 5.12kWh	CAN	00
EVERPOWER	EVP-RE-BY-RM-5.12H / EVP-RE-BY-SL-5.12H / EVP-RE-BY-SL-10.24H	CAN	00
Luminous	Litcore Ultra - 314Ah 16 kWh / 100Ah 5kWh / 230Ah 11 kWh	CAN	00
HomeGrid	STACK'D SERIES — HG-FS48100-150SJ1	CAN	00
BYD	BYD Battery-Box LV Flex Lite/LV5.0	CAN	00
LG	RESU6.5 (enblock C6.5)/RESU10 (enblock C10)/ RESU12 (enblock C12)	CAN	00
FinDreams Battery	FD-LV5.0	CAN	00
Deye	SUNB-5.0-G01-48-PC; SE-G5.1 PRO/AI-W5.1/RW-M6.1	CAN	00
UZ ENERGY	L051100-A/L051100-A1/L051100-B/L051100-D/PLPA-L1-5K1/PLPA-L1-10K2	CAN	00
AOBOET	Uhome-LFP 5000/Uhome-LFP 2400	CAN	00

Brand	Compatible Battery Model(s)	RS485 or CAN	Inverter Setup
Alpha Ess	M4856-P/SMILE BAT	CAN	00
KODAK	FL5.2	CAN	00
TOPBAND	TB51100F-T110/TB51120-T110	CAN	00
Shoto	SDC-BOX5 (5.12KWH)	CAN	00
DOWELL	IPACK C3.3/IPACK C6.5/IPACK C10	CAN	00
Giter	G2500-48V/G5040-48V	CAN	00
CF Energy	CFE2400/CFE5100/CFE5100S	CAN	00
Weco	4K4 LV, 5K3 LV	CAN	00
PYLON	US2000B/US3000/US2000C/US3000C/UP5000/ US5000/Force L1/Force L2	CAN	00
Batterich/ Greenrich	UP3686/UP5000/UP6100/WM5000	CAN	00
Hubble	AM-2 5.5kW/AM-5 51.2V 100AH/AM-10 10kWh/Blade 7kWh	CAN	00
SolarMD	SS4074/SS4037/SS202	CAN	00
PYTES Energy	E-BOX 48100R	CAN	00
BST	MD48-100/MD48-50	CAN	00
Highstart	HSD4870	CAN	00
Rosen Solar Energy	LFP48V200AH/LFP51.2V200AH	CAN	00
GSL ENERGY	GSL051100A-B-GBP2/GSL051200A-B-GBP2/ GSL051280A-B-GBP2/Zn-P48100ESA1/GSL-51-100/ GSL-51-200	CAN	00
ZRGP	ZR-FC48100-16301/ZR-FS4850-160SJ1/ZR-FS48100-160SJ1/ZR-PBX1	CAN	00
BALANCELL	P26/P27	CAN	00
UFO	U-P48200-7/U-P48100-7/U-P48150-1	CAN	00
GOSPOWER	U-P48200-7/U-P48100-7/U-P48150-1	CAN	00
DMEGC	L01-48100/L02-48100	CAN	00
Robuste	LR48100/LR48200	CAN	00
Fox ess	LD-48100P	CAN	00
Soluna	4K Pack/5K Pack/EOS-5K Pack/Franz 9.6K Pack (not support voltage activate battery)	CAN	00
Narada	48NPFC80/48NPFC100/48NPFC150/48NPFC200	CAN	00
REVOV	R100	CAN	00
PAND	Powerfree Rack/Powerfree Cube	CAN	00
CLiS (Zhongneng Lithium Battery Technology Taizhou Co., Ltd.)	Enerhi-M Series	CAN	00
LBSA	LBSA 51.2V/100AH	CAN	00
Freedomwon	Freedom Lite Commercial 52V and LV Models	CAN	00
GSO	GBP48	CAN	00
Sunketess	LFP5000	CAN	00
Vestwoods	VT Series/VE Series	CAN	00
Green Solutions Inc.	HOME E10	CAN	00
nRuiT Energy	PowerPorter5.0/9.0/10.0/12.0/15.0	CAN	00
COOLI	CLR5KWH/CLW5KWH/CLR10KWH/CLW10KWH/ CLH10KWH/ESS10240	CAN	00
Far East Battery	FEB LV Series	CAN	00

Brand	Compatible Battery Model(s)	RS485 or CAN	Inverter Setup
VOLTA	VOLTA STAGE1/VOLTA STAGE2/VOLTA STAGE3/ VOLTA STAGE4	CAN	00
LEMAX	LM-JW-51.2V100Ah/LM-JW-51.2V200Ah	CAN	00
EVO	EVO 5.7KWH 48V-120AH	CAN	00
Yoshopo	BB-LFP-100Ah-P	CAN	00
GEN2	Gen2 P48200-7/Gen2 P48100-7/Gen2 P48150-1	CAN	00
BNP	51.2V 100Ah	CAN	00
Sunwoda	SunESS/Atrix/Atrix basic/MonaWall	CAN	00
APIUM	AP-5/APR-5	CAN	00
LaserTec	FullSet_10/FullSet_14/FullSet_20	CAN	00
MeterBoost	MB48LI82.GW/M48LI50.GW	CAN	00
Ampace	R-P48100ESA1	CAN	00
Livoltek	BLF48100/BLF51-5	CAN	00
Kon-TEC	KT-LFPES512100	CAN	00
RENON	R-FB005160/R-XC005161/R-XL015031	CAN	00
Steltec	STE-BSW-5220/STE-BSG-5220	CAN	00
Delong	DL-LFP-HW51200/DL-LFP-HS51200/DL-LFP-HS51100/ DL-LFP24100/DL-LFP51100/DL-LFP51200/DL-LFP51300	CAN	00
DELONGTOP	DL-LFP-HS51100	CAN	00
JINKO	JKS-B51100-GI/JKS-B51100-II/JKS-B48100-GI	CAN	00
Sunova Ess	GL5100-E Serie/Sunova solar-Bat6.1	CAN	00
FM-SOLAR	LFP51200/LFP51100/HS51200-10	CAN	00
Lithium Valley	LV-BAT-R/LV-BAT-W/LV-BAT-L	CAN	00
Legacy	(Rack)legacy48100/48200/51100/51200; (Wall) legacy5kw/9.6kw/10.2kw/15kw/20kw	CAN	00
Moura	48MSL 75/48MSL 100/48MSL 150/48MSL 200	CAN	00
Orbit	OE-PV3048V/OE-SV1048V/OE-PV4048V/OE-PV5048V	CAN	00
Huafon	HS1005/HS10010/HS10015/HS1005B/HS10010B/ HS10015B	CAN	00
Eenovance	MANA 5.0/MANA 5.3/MANA 10.65/MANA 15.97/RT 5120/RT 5320/E-MATE 80/E-MATE 50	CAN	00
ACE	R48100	CAN	00
TAB	L5.1	CAN	00
Greensun	GLiB-2.56L	CAN	00
TCSN	51.2V 100Ah	CAN	00
Megatank	GL48100	CAN	00
GS_HUB	HomeHub	CAN	00
LVTOPSUN	LVTS-512100	CAN	00
OHISAMA	SDA10-48100	CAN	00
YILINK NEW ENERGY	iPower S48100	CAN	00
Sunpal	PP-Y1-10KWH	CAN	00
Yuyang	YY48100/YY48200	CAN	00
GALAXY ENERGY	GE48100/GE48200	CAN	00
CSE	CSE-RBL-G4	CAN	00
MENRED ESS	LFP.6144.W	CAN	00
Meri Energy AG	ME-LVB-6.5	CAN	00

Brand	Compatible Battery Model(s)	RS485 or CAN	Inverter Setup
Voltsmile	V10	CAN	00
VREMT	VRPF0501N	CAN	00
ASGOFT	ASH-51280/ASH-51100	CAN	00
GSOK Power Ltd	GS51.2V300Ah	CAN	00
HECKMAN	WLFP51100A/RLFP51100A	CAN	00
ZYC	SIMPO 5000	CAN	00
V-TAC	VT Series/VE Series	CAN	00
SETL	SE-P512300S/SE-P512100	CAN	00
VinFast Energy	VEROX53-0051-PIP	CAN	00
ZETARA	ZLES5000W	CAN	00
RAYSTECH	RT5427	CAN	00
Duracell Energy	Duracell 5+	CAN	00
PCENERSYS	M16S100BL-V/M16S150BL-V/M16S200BL-V/ M15S200BL-V	CAN	00
VISION Group	V-LFP51.2V100Ah-5KW/VLFP51.2V200Ah-5KW	CAN	00
TORCHN	DT-US5000	CAN	00
PACOCASA	GXE-48100A-5KWH/GXE-48100A-5KWH-S/GXE-48200A-10KWH/GXE-48300A-15KWH	CAN	00
TURBO ENERGY	LITHIUM SERIES 48V 5,1kWh Slim/LITHIUM SERIES 48V 5,1kWh Dual/LITHIUM SERIES 48V 5,1kWh	CAN	00
VISION Group	V-LFP51.2V100Ah-5KW/VLFP51.2V200Ah-5KW	CAN	13
Wattsonic	Li-LV battery series	CAN	14
SACRED SUN	SSIF2P15S48100C/FCIFP48100A/SSIFP48100A	CAN	01
GenixGreen	ESS-5120/ESS-10240/ESS-BOX2/ESS-BOX3/ESS-BOX4/ES-BOX2/ES-BOX5/ES-BOX12	CAN	06
Shanghai Green Tech Co.,Ltd.	GTEM-48V2500	CAN	06
PYLON	US2000B/US3000/US2000C/US3000C/UP5000/ US5000/Force L1/Force L2	RS485	12
ACE	R48100	RS485	12
ZTE	ZXESM-R311	RS485	12
PRIMA	SKU:9472	RS485	15
FOR-E	Series SEM-W	RS485	15
Unipower	UPI.FP4845	RS485	15
LD	UPI.FP4845	RS485	17

IMPORTANT COMPATIBILITY DISCLAIMER

Compatibility in this register is confirmed only for the Sunsynk low-voltage inverter models and product codes expressly listed herein. Compatibility applies only where the specified battery model, BMS firmware, communication method (CAN/RS485), inverter lithium settings and installation wiring are configured in accordance with the applicable Sunsynk documentation, referenced datasheets and the battery manufacturer's installation and operating instructions.

The purchaser and/or installer remains responsible for confirming the suitability and compatibility of the selected battery with the battery manufacturer or authorised supplier prior to installation. Sunsynk accepts no liability for failures, performance issues or system interruptions arising from incorrect configuration, communication faults, incompatible firmware or protocol settings, improper wiring, or deviations from the prescribed installation requirements.

Any inverter or battery model not listed in this register, as well as any firmware or configuration change, product modification, mixed battery bank (Without a Sunsynk Klik), communication protocol change or other deviation from the tested configuration, requires separate compatibility confirmation before installation or commissioning.

Sunsynk may review, amend or update this compatibility register from time to time as additional products, firmware versions and configurations are tested or approved. Users should therefore ensure that they are referring to the latest available revision of this register. Where there is any uncertainty regarding compatibility or whether a later revision is available, please contact Sunsynk or an authorised Sunsynk representative for confirmation before proceeding with installation.