Approved Battery list

Version: DY-LV48-0131 **Date Issued:** 2026-09-10

Issued by: Ningbo Deye Inverter Technology Co.,Ltd

We Deye hereby authorize
these inverter models are compatible with below brand batteries

Issued by: Victor Liu
Victor Liu

PRODUCTS

Single Phase LV Hybrid Inverter:
SUN-(3.6-8)K-SG05LP1-EU;
SUN-(3-6)K-SG03LP1-EU;
SUN-(3-6)K-SG04LP1-EU;
SUN-(7.6-8)K-SG01LP1-EU;
SUN-(5-12)K-SG02LP1-EU-AM3;
SUN-(12-16)K-SG01LP1-EU;
SUN-(3-6)K-SG04LP1-EU-SM2;
SUN-(7-10)K-SG05LP1-EU-SM2;
SUN-(3.6-10)K-SG05LP1-EU-AM2-P;
SUN-(3.6-10)K-SG05LP1-EU-SM2-P;
SUN-(12-16)K-SG01LP1-EU-AM3-P;
SUN-(7.6-12)K-SG02LP1-EU-AM3-P;
SUN-18K-SG01LP1-EU-AM3-P;
SUN-(3-6)K-SG06LP1-EU-BM2;
SUN-(7-12)K-SG06LP1-EU-BM3;
SUN-(3-6)K-SG06LP1-EU-CM2;
SUN-(7-12)K-SG06LP1-EU-CM3;
SUN-(3-6)K-SG04LP1-AU;
SUN-(7.6-8)K-SG01LP1-AU;
SUN-(3.6-8)K-SG05LP1-AU;
SUN-(5-12)K-SG02LP1-AU-AM3;
SUN-(12-16)K-SG01LP1-AU-AM3;
SUN-(7.6-12)K-SG02LP1-AU-AM3-P;
SUN-(3.6-10)K-SG05LP1-AU-AM2-P;

Three Phase LV Hybrid Inverter:
SUN-(5-12)K-SG04LP3-EU;
SUN-(3-12)K-SG05LP3-EU-SM2;
SUN-(14-20)K-SG05LP3-EU-SM2;
SUN-(14-20)K-SG05LP3-EU-SM3-P;
SUN-(5-12)K-SG04LP3-EU-AM2-P;
SUN-(3-8)K-SG06LP3-EU-BM2;
SUN-(3-8)K-SG06LP3-EU-CM2;
SUN-(5-12)K-SG04LP3-BE;
SUN-(5-10)K-SG05LP3-BE-SM2;
SUN-(5-12)K-SG04LP3-US;
SUN-(5-12)K-SG04LP3-AU;
SUN-(5-12)K-SG04LP3-AU-AM2-P;
SUN-(3-12)K-SG05LP3-AU-SM2;
SUN-(14-20)K-SG05LP3-AU-SM2;

Split Phase LV Hybrid Inverter(US):
SUN-(5-8)K-SG01LP1-US;
SUN-(5-12)K-SG02LP2-US-AM3;
SUN-18K-SG01LP2-US-AM3-P;
SUN-(8-15)K-SG01LP2-US-AM3;
SUN-(5-12)K-SG02LP2-US-AM3;
SUN-(7.6-8)K-SG02LP2-US-AM2-P;
SUN-(7.6-12)K-SG02LP2-US-AM3-P;
SUN-(5-12)K-SG05LP2-US-SM2;
SUN-(8-15)K-SG01LP2-US-AM3-P;

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Battery list

Brand	Model	RS485 or CAN	Inverter Setup
BYD	BYD Battery-Box LV Flex Lite/ LV5.0/LV5.0+/LV5.0+(2026)	CAN	00
LG	RESU6.5(enblock C6.5)/RESU10 (enblock C10)/RESU12(enblock C12)		
FinDreams Battery	FD-LV5.0		
Deye	SUNB-5.0-G01-48-PC/SE-G5.1/ SE-G5.1 PRO/AI-W5.1/RW-M6.1/SE-G10.2/ SE-G5.1 Pro-B/SE-G5.3/SE-F5/SE-F5 Plus/ SE-F5 Pro/SE-F12/SE-F16/RW-V5.3/ RW-G10.6/RW-F10.2/RW-F10.2-B/ RW-F10.6/RW-F16/RW-L5.1/RW-L10.2/ RW-L5.3/RW-L10.6/RW-M6.1-B/ RW-M5.3 Pro/RW-M5.3/AI-W5.1-B		
Eenovance	MANA 5.0 \MANA 5.3\ MANA 10.65\MANA 15.97\RT 5120 \RT 5320\ E-MATE 80\E-MATE 50		
Freedomwon	Freedom Lite Commercial 52V and LV Models		
MeterBoost	MB48LI82.GW/M48LI50.GW		
Marvel Tech	ML series		
ASGOFT	ASH-51280/ASH-51100		

Brand	Model	RS485 or CAN	Inverter Setup
DYNESS	B4850/A48100	CAN	00
UZ ENERGY	L051100-A/L051100-A1/L051100-B/ L051100-D/PLPA-L1-5K1/PLPA-L1-10K2		
AOBOET	Uhome-LFP 5000/Uhome-LFP 2400		
Alpha Ess	M4856-P/SMILE BAT		
KODAK	FL5.2		
TOPBAND	TB51100F-T110 /TB51120-T110		
Shoto	SDC-BOX5(5.12KWH)		
DOWELL	IPACK C3.3/IPACK C6.5/IPACK C10		
Giter	G2500-48V/G5040-48V		
CF Energy	CFE2400/CFE5100/CFE5100S		
Weco	4K4 LV/5K3 LV/5K3-EVO/16K0-LV		
PYLON	US2000B/US3000/US2000C/US3000C/ UP5000/US5000/Force L1/Force L2/ US2000D/US3000D/UF5000/Pelio_L_5.12/ FB-L-5.12/FB-L-5.12-EU/FB-L-16		
SunArk	WallArk-48200		
Batali D.grid	R / P / F series		
DAH	DHN-LVWES05/10/15-G0/ DHN-LVWES05/10/15-G1/ DHN-LVWES16-G1/ DHN-LVWES05/10/15/16-G2/ DHN-LVWES16-G3		
Lithtech	TR4000WX/TR6000WX/ TR8000WX/TR8500WX		
Hithium	HeroEE MaxPower 5/HeroEE MaxPower 16		

Brand	Model	RS485 or CAN	Inverter Setup
Batterich/Greenrich	UP3686/UP5000/UP6100/WM5000	CAN	00
Hubble	AM-2 5.5KW/AM-5 51.2V 100AH		
SolarMD	SS4074/SS4037/SS202		
PYTES Energy	E-BOX 48100R		
BST	MD48-100/MD48-50		
Highstart	HSD4870		
Rosen Solar Energy	LFP48V200AH / LFP51.2V200AH		
GSL ENERGY	GSL051100A-B-GBP2/GSL051200A-B -GBP2/GSL051280A-B-GBP2/Zn-P48100ESA1/GSL-51-100/GSL-51-200		
ZRGP	ZR-FC48100-1630J1/ZR-FS4850-16OSJ1/ ZR-FS48100-16OSJ1/ZR-PBX1		
BALANCELL	P26/P27		
UFO	U-P48200-7/U-P48100-7/U-P48150-1		
GOSPOWER	U-P48200-7/U-P48100-7/U-P48150-1		
DMEGC	L01-48100/L02-48100		
Robuste	LR48100/LR48200		
Fox ess	LD-48100P		
Soluna	4K Pack/5K Pack/EOS-5K Pack/Franz 9.6K Pack (not support voltage activate battery)		
Narada	48NPFC80/48NPFC100/ 48NPFC150/48NPFC200		
REVOV	R100		
PAND	Powerfree Rack/Powerfree Cube		
CLiS (Zhongneng Lithium Battery Technology Taizhou Co., Ltd.)	Enerhi-M Series		
LBSA	LBSA 51.2V/100AH		

Brand	Model	RS485 or CAN	Inverter Setup
GSO	GBP48	CAN	00
Sunketess	LFP5000		
Vestwoods	VT Series/VE Series		
Green Solutions Inc.	HOME E10		
nRuiT Energy	PowerPorter5.0/9.0/10.0/12.0/15.0		
COOLI	CLR5KWH/CLW5KWH/CLR10KWH /CLW10KWH/CLH10KWH/ESS10240		
Far East Battery	FEB LV Series		
VOLTA	VOLTA STAGE1/VOLTA STAGE2/ VOLTA STAGE3/VOLTA STAGE4		
LEMAX	LM-JW-51.2V100Ah/LM-JW-51.2V200Ah		
EVO	EVO 5.7KWH 48V-120AH		
Yoshopo	BB-LFP-100Ah-P		
GEN2	Gen2 P48200-7/Gen2 P48100-7 /Gen2 P48150-1		
BNP	51.2V 100Ah		
Sunwoda	SunESS/Atrix/Atrix basic/MonaWall		
APIUM	AP-5/APR-5		
LaserTec	FullSet_10/FullSet_14/FullSet_20		

Brand	Model	RS485 or CAN	Inverter Setup
Ampace	R-P48100ESA1	CAN	00
Livoltek	BLF48100/BLF51-5		
Kon-TEC	KT-LFPES512100		
RENON	R-EB005160/R-XC005161/R-XL015031		
Steltec	STE-BSW-5220/STE-BSG-5220		
Delong	DL-LFP-HW51200/DL-LFP-HS51200/ DL-LFP-HS51100/DL-LFP24100 /DL-LFP51100/DL-LFP51200/DL-LFP51300		
DELONGTOP	DL-LFP-HS51100		
JINKO	JKS-B51100-GI/JKS-B51100-II /JKS-B48100-GI		
Sunova Ess	GL5100-E Serie/ Sunova solar-Bat6.1		
FM-SOLAR	LFP51200/LFP51100/HS51200-10		
Lithium Valley	LV-BAT-R/LV-BAT-W/LV-BAT-L		
Legacy	(Rack)legacy48100/48200/l51100/51200; (Wall)legacy5kw/9.6kw/10.2kw/15kw/20kw		
Moura	48MSL 75/48MSL 100/ 48MSL 150/48MSL 200/		
Orbit	OE-PV3O48V/OE-SV1O48V/ OE-PV4O48V/OE-PV5O48V		
Huafon	HS1005/HS10010/HS10015/ HS1005B/HS10010B/HS10015B		

Brand	Model	RS485 or CAN	Inverter Setup
ACE	R48100	CAN	00
TAB	L5.1		
Greensun	GLiB-2.56L		
TCSN	51.2V 100Ah		
Megatank	GL48100		
GS_HUB	HomeHub		
LVTOPSUN	LVTS-512100		
OHISAMA	SDA10-48100		
BSLBATT	B-LFP48 Series/PowerLine-5 Series		
YILINK NEW ENERGY	iPower S48100		
Sunpal	PP-Y1-10KWH		
Yuyang	YY48100 /YY48200		
GALAXY ENERGY	GE48100 /GE48200		
CSE	CSE-RBL-G4		
MENRED ESS	LFP.6144.W		
Meri Energy AG	ME-LVB-6.5		
Voltsmile	V10		
VREMT	VRPF0501N		

Brand	Model	RS485 or CAN	Inverter Setup
GSOK Power Ltd	GS51.2V300Ah	CAN	00
HECKMAN	WLFP51100A/RLFP51100A		
ZYC	SIMPO 5000		
V-TAC	VT Series/VE Series		
SETL	SE-P512300S/SE-P512100		
VinFast Energy	VER0X53-0051-PIP		
ZETARA	ZLES5000W		
RAYSTECH	RT5427		
Duracell Energy	Duracell 5+		
PCENERSYS	M16S100BL-V/M16S150BL-V/ M16S200BL-V/M15S200BL-V		
VISION Group	V-LFP51.2V100Ah-5KW/ VLFP51.2V200Ah-5KW		
TORCHN	DT-US5000		
TURBO ENERGY	LITHIUM SERIES 48V 5.1kWh Slim/ LITHIUM SERIES 48V 5.1kWh Dual/ LITHIUM SERIES 48V 5.1kWh/ LITHIUM SERIES Pro 5.1kWh		
Ok Solar	OK-L 5KWH /OK-GL 5KWH		
BIOM	BALFP-512314-V2		
SUG	SBS-512200/SBS-512280/SBS-512314/ SPW-512200/SPW-512280/SPW-512314/ SBM-512200/SBM-512300/SPV-512280/ SPV-512314/SPV-512560/SPV-512628		

Brand	Model	RS485 or CAN	Inverter Setup
PHYLION	RE-L-5.3-X01/RE-L-5-X03	CAN	00
EITAI	WALV-10K/ELECUBE-5K		
LVFU	LFW51200/LFW51100		
LEDXPRESS	VT-48280		
TOPAK	TOPAK-48100W/TOPAK-48200W		
Lemeon	Lemoen ECO 14/ LIFE5		
Magneto	IMS302/IMS303/IMS305/IMS306/ lMS202/IMS203 /IMS204		
Bettenergy	ELESHELL-10.2K		
GENIX	TOWER-HV		
Dawnice	HZEB-LCT-16		
Cegasa	E/Bick LV		
VAMI	VMBR-51100/VMBW-51100/ VMBW-51200/VMBF-51300		
BETA	ENP51200/ENP51100		
HUANNENG (HUANNENG TECHNOLOGY LIMITED)	THS5/THS10/THS15/THS16		
BALANS BATTERIJ	51.2V314Ah		
Breeze	Breeze R48100 51.2kwh lv		

Brand	Model	RS485 or CAN	Inverter Setup
ROYPOW	RBmax5.1L/RBmax5.1L2/RBmax16L	CAN	00
VISION Group	V-LFP51.2V100Ah-5KW/ VLFP51.2V200Ah-5KW		13
Wattsonic	Li-LV battery series	RS485	14
SACRED SUN	SSIF2P15S48100C/FCIFP48100A /SSIFP48100A		01
GenixGreen	ESS-5120/ESS-10240/ESS-BOX2/ESS-BOX3/ ESS-BOX4/ES-BOX2/ES-BOX5/ES-BOX12		06
Shanghai Green Tech Co.,Ltd.	GTEM-48V2500		12
PYLON	US2000B/US3000/US2000C/US3000C/ UP5000/US5000/Force L1/ Force L2		
ACE	R48100		
BSLBATT	B-LFP48 Series/PowerLine-5 Series		
ZTE	ZXESM-R311		
PRIMA	SKU:9472		
FOR-E	Series SEM-W		
TIANNENG	48100S3		
Batali D.grid	R / P / F series,		
Unipower	UPI.FP4845		15
LD	LD-100P210J		17
Micromall	NZ-48100/MSLB-48110/MSLB-48210		09

Note:

1. Please input inverter setup number to lithium mode for corresponding battery.
2. The purchaser should confirm with the battery supplier if the battery is compatible with Deye inverter, or Deye will not be liable for any failure that caused by communication issue.