Compatible List

2024.2.22

of Dyness LV



48V&51V series



24V series



12V series

Revision History

Revision NO.	Revision Date	Revision Reason
1.0	2024.2.22	First Published

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This list covers all dyness energy storage products. Please find details below. Only the inverters listed below are approved to be connected to dyness batteries.

LV products include 12V, 24V, and 48V&51V series.The 12V and 24V LV series single cluster max supports up to 16 modules in series.The 48V&51V LV series single cluster max supports up to 50 modules in series.
If the customer has a customized project, please communicate with our pre-sales technical support in advance to confirm.

12V series Compatible List

➢ **Victron、Steca Inverter.**

Battery Series	Battery Model	Inverter Series		
		Victron		Steca
		MultiPlus C12/1200~2000	MultiPlus 12/3000	Solarix PI 550~1000-12
12V	RV12100	√	√	√

Notice:Steca has no communication, so it is necessary to strictly control the 2:1 ratio between battery energy and inverter power during use, otherwise it will limit charging current and affect usage.

➢ **Must Inverter.**

Battery Series	Battery Model	Inverter Series		
		Must		
		PV18-1012 VPK	PV18-1012 VPM	EP18-1012
12V	RV12100	√	√	√

24V series Compatible List

➢ **Victron、Steca Inverter.**

Battery Series	Battery Model	Inverter Series	
		Victron	Steca
		MultiPlus 24/3000~5000	Solarix PI 550~2400-24
24V	B25100	√	√
	DL2.5	√	√

Notice:Steca has no communication, so it is necessary to strictly control the 2:1 ratio between battery energy and inverter power during use, otherwise it will limit charging current and affect usage.

➢ **Growatt、Sorotec Inverter.**

Battery Series	Battery Model	Inverter Series	
		Growatt	Sorotec
		SPF 2000~3000TL HVM-24	REVO VM II 3.0kW-24
24V	B25100	√	√
	DL2.5	√	√

➢ **Must Inverter.**

Battery Series	Battery Model	Inverter Series					
		Must					
		PV18-2024 ~3024 VHM\VPK\ VPM\LHM	PV18-10 24~2524 LHM	PV18-30 24 Pro	PH18-20 24~3024 PLUS	PH18-30 24 Pro	EP18-20 24~3024
24V	B25100	√	√	√	√	√	√
	DL2.5	√	√	√	√	√	√

48V&51V series Compatible List

➢ **Solis Inverter.**

Battery Series	Battery Model	Inverter Series				
		Solis				
		RHI-3K~5K-48ES	RHI-3K~6K-48ES-5G	S5-EH1P(3-6)-L	S6-EH1P3/6K-L-EU	S6-EH1P3K~8K-L-PRO
Non DL Series	B4850	√	√	√	√	√
	B3	√	√	√	√	√
	A48100	√	√	√	√	√
	B51100	√	√	√	√	√
	BX51100	√	√	√	√	√
DL Series	DL3.6	√	√	√	√	√
	DL5.0	√	√	√	√	√
	DL5.C	√	√	√	√	√
	DL5.0X	√	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√	√
	PowerBox Pro	√	√	√	√	√

➢ **Goodwe Inverter.**

Battery Series	Battery Model	Inverter Series				
		GW3648D/5048D				
		ES	EM	SBP	ES G2	SBP G2
Non DL Series	B4850	√	√	√	√	√
	B3	√	√	√	√	√
	A48100	√	√	√	√	√
	B51100	√	√	√	√	√
	BX51100	√	√	√	√	√
DL Series	DL3.6	√	√	√	√	√
	DL5.0	√	√	√	√	√
	DL5.C	√	√	√	√	√
	DL5.0X	√	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√	√
	PowerBox Pro	√	√	√	√	√

➢ **Growatt Inverter.**

Battery Series	Battery Model	Inverter Series			
		Growatt			
		SPF 3K~5K TL-HVM/LVM	SPF 6K~12K T-HVM/DVM	SPF 3K~5K ES	SPH/SPA 3K~10K TL
Non DL Series	B4850	√	√	√	√
	B3	√	√	√	√
	A48100	√	√	√	√
	B51100	√	√	√	√
	BX51100	√	√	√	√
DL Series	DL3.6	√	√	√	√
	DL5.0	√	√	√	√
	DL5.C	√	√	√	√
	DL5.0X	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√
	PowerBox Pro	√	√	√	√

➢ **Sofar、Luxpower、Victron Inverter.**

Battery Series	Battery Model	Inverter Series			
		Sofar	Luxpower		Victron
		HYD 3K~6K-ES	LXP Hybrid 3K~6K	SNA3K~6K	Multiplus 48V/3K~5KVA
Non DL Series	B4850	√	√	√	√
	B3	√	√	√	√
	A48100	√	√	√	√
	B51100	√	√	√	√
	BX51100	√	√	√	√
DL Series	DL3.6	√	√	√	√
	DL5.0	√	√	√	√
	DL5.C	√	√	√	√
	DL5.0X	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√
	PowerBox Pro	√	√	√	√

➢ **IMEON、DEYE Inverter.**

Battery Series	Battery Model	Inverter Series				
		IMEON	DEYE			
		IMEON 3.6~9.12	SUN-3.6K~6K-SG03/04 LP1-EU	SUN-3.6K~8K-SG05 LP1-EU	SUN-5K~8K-SG01L P1-US	SUN-7.6K~16K-SG01LP1-EU
Non DL Series	B4850	√	√	√	√	√
	B3	√	√	√	√	√
	A48100	√	√	√	√	√
	B51100	√	√	√	√	√
	BX51100	√	√	√	√	√
DL Series	DL3.6	√	√	√	√	√
	DL5.0	√	√	√	√	√
	DL5.C	√	√	√	√	√
	DL5.0X	√	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√	√
	PowerBox Pro	√	√	√	√	√

➢ SMA、INFINI/VOLTRONIC Inverter.

Battery Series	Battery Model	Inverter Series				
		SMA	INFINI/VOLTRONIC			
		SI 4.4M /6.0H/8.0 H-12	Infinisolar series 48V	Axpert series 48V with comm Card	Axpert 3K~5KW	Axpert VM III 1.5K~5KW
Non DL Series	B4850	√	√	√	√	√
	B3		√	√	√	√
	A48100		√	√	√	√
	B51100		√	√	√	√
	BX51100		√	√	√	√
DL Series	DL3.6		√	√	√	√
	DL5.0		√	√	√	√
	DL5.C		√	√	√	√
	DL5.0X		√	√	√	√
Box Series	PowerDepot H5B		√	√	√	√
	PowerBox Pro		√	√	√	√

➢ **SUNGROW、DELIOS、SAJ、SERMATEC Inverter.**

Battery Series	Battery Model	Inverter Series			
		SUNGROW	DELIOS	SAJ	SERMATEC
		SH3.6K~5K-30	DLS-300C~600C	H1-3K~4.6K-S2	SMT-5K-TL
Non DL Series	B4850	√	√	√	√
	B3	√	√	√	√
	A48100	√	√	√	√
	B51100	√	√	√	√
	BX51100	√	√	√	√
DL Series	DL3.6	√	√	√	√
	DL5.0	√	√	√	√
	DL5.C	√	√	√	√
	DL5.0X	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√
	PowerBox Pro	√	√	√	√

➢ **Steca、Studer、SUNRAY、TBB Inverter.**

Battery Series	Battery Model	Inverter Series			
		Steca	Studer	SUNRAY	TBB
		Solarix PLI 5000-48	Xtender 48V serie VarioString serie VarioTrack 48V serie	MPS series 1K~5KVA	Kinergier Pro CK4.0S~8.0S
Non DL Series	B4850	√	√	√	√
	B3	√	√	√	√
	A48100	√	√	√	√
	B51100	√	√	√	√
	BX51100	√	√	√	√
DL Series	DL3.6	√	√	√	√
	DL5.0	√	√	√	√
	DL5.C	√	√	√	√
	DL5.0X	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√
	PowerBox Pro	√	√	√	√

Notice:Steca and SUNRAY has no communication, so it is necessary to strictly control the 2:1 ratio between battery energy and inverter power during use, otherwise it will limit charging current and affect usage.

➢ **MUST、Sorotec、Schneider Inverter.**

Battery Series	Battery Model	Inverter Series			
		MUST		Sorotec	Schneider
		PV18 2-5.5kW	PH18 2-5.5KW	REVO II 3.2K~5.5K-48	Conext Series products Conext XW Pro
Non DL Series	B4850	√	√	√	√
	B3	√	√	√	√
	A48100	√	√	√	√
	B51100	√	√	√	√
	BX51100	√	√	√	√
DL Series	DL3.6	√	√	√	√
	DL5.0	√	√	√	√
	DL5.C	√	√	√	√
	DL5.0X	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√
	PowerBox Pro	√	√	√	√

➢ **TSUN、EPEVER、MAGAREVO / INVT Inverter.**

Battery Series	Battery Model	Inverter Series		
		TSUN	EPEVER	MAGAREVO / INVT
		TSOL-H3.0K~6K-H	UPower-Hi 系列 (2KW-5KW)	R3K~6KL1
Non DL Series	B4850	√	√	√
	B3	√	√	√
	A48100	√	√	√
	B51100	√	√	√
	BX51100	√	√	√
DL Series	DL3.6	√	√	√
	DL5.0	√	√	√
	DL5.C	√	√	√
	DL5.0X	√	√	√
Box Series	PowerDepot H5B	√	√	√
	PowerBox Pro	√	√	√

➢ **SRNE、AISWEI(Solplanet) Inverter.**

Battery Series	Battery Model	Inverter Series		
		SRNE		AISWEI(Solplanet)
		HT4830~4840S60、HT4850S80	ASF4880U180-H、ASF48100U200-H	ASW3K~6KH-S2
Non DL Series	B4850	√	√	√
	B3	√	√	√
	A48100	√	√	√
	B51100	√	√	√
	BX51100	√	√	√
DL Series	DL3.6	√	√	√
	DL5.0	√	√	√
	DL5.C	√	√	√
	DL5.0X	√	√	√
Box Series	PowerDepot H5B	√	√	√
	PowerBox Pro	√	√	√

➢ **Senergy、Amensolar Inverter.**

Battery Series	Battery Model	Inverter Series		
		Senergy		Amensolar
		SE 4K6~6KHB-60/120	SE 4K6~6KAC	N3H-X5.0~8.0-US
Non DL Series	B4850	√	√	√
	B3	√	√	√
	A48100	√	√	√
	B51100	√	√	√
	BX51100	√	√	√
DL Series	DL3.6	√	√	√
	DL5.0	√	√	√
	DL5.C	√	√	√
	DL5.0X	√	√	√
Box Series	PowerDepot H5B	√	√	√
	PowerBox Pro	√	√	√

➢ **LIVOLTEK、Homiles Inverter.**

Battery Series	Battery Model	Inverter Series		
		LIVOLTEK	Homiles	
		GF1-3K~5K48S1	HYS-LV-EUG1 Series	HYS-LV-USG1 Series
Non DL Series	B4850	√	√	√
	B3	√	√	√
	A48100	√	√	√
	B51100	√	√	√
	BX51100	√	√	√
DL Series	DL3.6	√	√	√
	DL5.0	√	√	√
	DL5.C	√	√	√
	DL5.0X	√	√	√
Box Series	PowerDepot H5B	√	√	√
	PowerBox Pro	√	√	√

➢ **Afore、Ingeteam、GMDE Inverter.**

Battery Series	Battery Model	Inverter Series			
		Afore		Ingeteam	GMDE
		AF3K~6K -SL	AF1K~3.6K -SL-1	INGECON SUN STORAGE 3TL~6TLM	5200TL series
Non DL Series	B4850	√	√	√	√
	B3	√	√	√	√
	A48100	√	√	√	√
	B51100	√	√	√	√
	BX51100	√	√	√	√
DL Series	DL3.6	√	√	√	√
	DL5.0	√	√	√	√
	DL5.C	√	√	√	√
	DL5.0X	√	√	√	√
Box Series	PowerDepot H5B	√	√	√	√
	PowerBox Pro	√	√	√	√

➢ **HYPDNTECH Inverter.**

Battery Series	Battery Model	Inverter Series
		HYPDNTECH
		HES-3~6KW
Non DL Series	B4850	√
	B3	√
	A48100	√
	B51100	√
	BX51100	√
DL Series	DL3.6	√
	DL5.0	√
	DL5.C	√
	DL5.0X	√
Box Series	PowerDepot H5B	√
	PowerBox Pro	√

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