Approved Compatibility List of Inverter Brands

Dyness
ENERGY STORAGE SYSTEM
Power You Day and Night

Low voltage battery

Inverter Brand	Inverter logo	Inverter Type	Dyness Battery Series							
			B4850	B3	B51100	A48100	BX51100	Powerbox Fseries	Powercube series	PowerDepot
Goodwe	GOODWE YOUR SOLAR ENGINE	GW3648D-ES/GW5048D-ES/BP/SBP/EM	✓	✓	✓	✓	✓	✓	✓	✓
Growatt (SANKO/Socar)	Growatt powering tomorrow	SPA/SPH3000/3600/4000/4600/5000/6000 (High Frequency) SPF 5000TL HVM-P/SPF 3000TL (Power frequency) HVM-P/ SPF 12KT HVM (High Frequency) M3000H-48, M5000H-48, M5000H-48BP (Power frequency) M12000L-48, M12000L-48SP (4KW/5KW/6KW/8KW/10KW/12KW) SPF 5000ES	✓	✓	✓	✓	✓	✓	✓	✓
Solis	solis	RHI-3K/3.6K/5K-48ES/RHI-3K-48ES-5G /RHI-3.6K-48ES-5G/RHI-5K-48ES-5G /RHI-6K-48ES-5G/RAI-3K-48ES-5G	✓	✓	✓	✓	✓	✓	✓	✓
SAJ	SAJ NATIONAL HIGH-TECH ENTERPRISE	Sunfree Series/ H1-3k-S2	✓	✓	✓	✓	✓	✓	✓	✓
SUNGROW	SUNGROW Clean power for all	SH5K-30	✓	✓	✓	✓	✓	✓	✓	✓
DEYE	Deye 德業	SUNSYNK PARITY INVERTER 5000W/ 7600W/8000W /SUN-5KSG03LP1-EU/ SUN-5KSG04LP3-EU(1p) /SUN-12KSG04LP3-EU(3p)	✓	✓	✓	✓	✓	✓	✓	✓
AISHIWEI	Solplanet	ASW3000H/3680H/4000H/5000H-S	✓	✓	✓	✓	✓	✓	✓	✓
Luxpower	LUXPOWER TEK	LXP 3K/3.6K/4K/4.6K/5K Hybrid LXP 3600 ACS series/SNA5K(off-grid)	✓	✓	✓	✓	✓	✓	✓	✓
MUST	MUST Solar Power System	PV18 2-5.5kW /PH18 2-5.5KW	✓	✓	✓	✓	✓	✓	✓	✓
TBB	TBB POWER	Kinergier Pro CK8.0S	✓	✓	✓	✓	✓	✓	✓	✓
TSUN	TSUN	PV18 2-5.5kW /PH18 2-5.5KW	✓	✓	✓	✓	✓	✓	✓	✓
RENAC	RENAC	ESC5000-DS	✓	✓	✓	✓	✓	✓	✓	✓

Note: Only the inverters listed above are approved to be connected to dyness batteries.

+86 029 8954 0338 www.dyness-tech.com.cn sales@dyness-tech.com

File Name-<The list of compatibility between Dyness ESS and Inverters>
File version- 20220321-V2-EN. Information might be subject to change without notice during product improving.

Approved Compatibility List of Inverter Brands

Dyness
ENERGY STORAGE SYSTEM
Power You Day and Night

Low voltage battery

Inverter Brand	Inverter logo	Inverter Type	Dyness Battery Series							
			B4850	B3	B51100	A48100	BX51100	Powerbox Fseries	Powercube series	PowerDepot
Victron	victron energy	Multiplus/Quattro 48	✓	✓	✓	✓	✓	✓	✓	✓
IMEON	IMEON ENERGY	IMEON 3.6/9.12	✓	✓	✓	✓	✓	✓	✓	✓
SMA	SMA	Sunny Island 4.4M /6.0H/8.0H	✓	✓	✓	✓	✓	✓	✓	✓
DELIOS	DELIOS	DLS-300C/DLS-450C/DLS-600C	✓	✓	✓	✓	✓	✓	✓	✓
Studer Innotec	STUDER	Xtender 48V serie VarioString serie VarioTrack 48V serie	✓	✓	✓	✓	✓	✓	✓	✓
Sorotoc	SOROTEC	REVO II 3.2K-48 /REVO II 5.5K-48	✓	✓	✓	✓	✓	✓	✓	✓
SERMATEC	SERMATEC	SMT-5K-TL-LV	✓	✓	✓	✓	✓	✓	✓	✓
SOFAR	SOFAR SOLAR	HYD3000-ES	✓	✓	✓	✓	✓	✓	✓	✓
INFINI /VOLTRONIC INFINI /VOLTRONIC (MERCER)	VoltronicPower / MECER	Infinisolar series 48V /Axpert-King series48V with communication Card (Power frequency) Axpert-King MKS Modbus Duo Box /Axpert-King VM (RS485 PN-protocol) ICC	✓	✓	✓	✓	✓	✓	✓	✓
MAGAREVO	MEGAREVO	R5KL1	✓	✓	✓	✓	✓	✓	✓	✓
SUNRAY	Sumry	MPS series 1/3/5kva	✓	✓	✓	✓	✓	✓	✓	✓
GMDE	GMDE	3700TL	✓	✓	✓	✓	✓	✓	✓	✓
Steca	steca Elektronik	Solarix PLI 5000-48	Under Test (90% completed)							
Schneider	Schneider Electric	Conext Series Products/ Conext XW Pro	Under Test (90% completed)							
SRNE	SRNE	HT4850S80	Under Test (80% completed)							

Note: Only the inverters listed above are approved to be connected to dyness batteries.

Approved Compatibility List of Inverter Brands

Dyness
ENERGY STORAGE SYSTEM
Power You Day and Night

High voltage battery

Inverter Brand	Inverter logo	Inverter Type	Dyness Battery Series			
			HV4850	HV4875	HV51100	Tower Series
Goodwe	GOODWE YOUR SOLAR ENGINE	GW5000-EH/ET	✓	✓	✓	✓
Growatt	Growatt powering tomorrow	SPH 10000TL3 BH/SPA 4000	✓	✓	✓	✓
SERMATEC	SERMATEC	SMT-10K/30K/50K-TL-TH	✓	✓	✓	✓
ATESS	ATESS	HPS 5000/7500/10000TLS HPS 30/50/100/120/150	✓	✓	✓	✓
Solis	solis	RHI-3P(5-10)K-HVES-5G/ RHI-1P7.6K-HVES-5G	✓	✓	✓	✓
Hoymiles	hoymiles	HY3 Series	✓	✓	✓	✓
Ecactus	ECACTUS	WH-SPA-3.6H/WH-SPA-5.0H	✓	✓	✓	✓
Sinexcel	Sinexcel	PWS1-50K/PWG2-100K	✓	✓	✓	✓
Sofar	SOFAR SOLAR	HYD 15KTL-3PH/ HYD 5K~20KTL-3PH	✓	✓	✓	✓
Sunways	sunways	STH-12KTL-HT-CN	✓	✓	✓	✓
Thinkpower	Thinkpower	EPH12KTL	✓	✓	✓	✓
HYPONTECH	Hi HYPONTECH	HHS-6000	✓	✓	✓	✓
SAJ	SAJ NATIONAL HIGH-TECH ENTERPRISE	H2-5K/6K/8K/10-T2	✓	✓	✓	✓
Bluesun	BLUESUN SOLAR	BSE12KH1NA	✓	✓	✓	✓
LUXPOWER	LUXPOWER TEK	LXP-PCS6T	Can work with H8025 battery module series. Other battery model under Test. ✓			
TSUN	TSUN	PV18 2-5.5kW /PH18 2-5.5KW	Under Test (50% completed)			
MEGAREVO	MEGAREVO	RKH1/RKH3	Under Test (90% completed)			

Note: This high voltage list covers all Dyness energy storage products. The specific type of high-voltage batteries that the inverter can be connected to are listed in the appendix.
The HV series single cluster supports up to 16 modules in series, If the customer has a customized project, please communicate with our pre-sales technical support in advance to confirm.
Only the inverters listed above are approved to be connected to dyness batteries.

Dyness ENERGY STORAGE SYSTEM
Power You Day and Night

High voltage battery

☐ GOODWE Inverter.

Battery Series	Battery Model	Inverter Series				
		Goodwe				
		ET	BT	EH	BH	EHB
Tower	T7			√	√	√
	T10	√	√	√	√	√
	T14	√	√	√	√	√
	T17	√	√			
	T21					
PowerRack HV1	HV1-9			√	√	√
	HV1-12	√	√	√	√	√
	HV1-14	√	√	√	√	√
	HV1-16	√	√	√	√	√
	HV1-19	√	√	√	√	√
	HV1-21	√	√			
	HV1-24	√	√			
	HV1-26	√	√			
	HV1-28					
	HV1-31					
	HV1-33					
	HV1-36					
PowerRack HV2	HV2-14			√	√	√
	HV2-18	√	√	√	√	√
	HV2-21	√	√	√	√	√
	HV2-25	√	√	√	√	√
	HV2-28	√	√	√	√	√
	HV2-32	√	√			
	HV2-36	√	√			
	HV2-39	√	√			
PowerRack HV4	HV4-20			√	√	√
	HV4-25	√	√	√	√	√
	HV4-30	√	√	√	√	√
	HV4-35	√	√	√	√	√
	HV4-40	√	√	√	√	√
	HV4-46	√	√			
	HV4-51	√	√			
	HV4-56	√	√			

Note: The HV series is matched with GOODWE inverters, and the battery model needs to be selected as "default".

Dyness ENERGY STORAGE SYSTEM
Power You Day and Night

High voltage battery

☐ Growatt and ATESS Inverter.

Battery Series	Battery Model	Inverter Series			
		Growatt		ATESS	
		SPA	SPH	HPS 7500－10000TL	HPS 30－150
Tower	T7	√	√		
	T10	√	√		
	T14	√	√	√	
	T17	√	√	√	√
	T21			√	
PowerRack HV1	HV1－9	√	√		
	HV1－12	√	√		
	HV1－14	√	√		
	HV1－16	√	√	√	
	HV1－19	√	√	√	
	HV1－21	√	√	√	√
	HV1－24	√	√	√	√
	HV1－26			√	√
	HV1－28			√	
	HV1－31			√	
	HV1－33				
	HV1－36				
PowerRack HV2	HV2－14	√	√		
	HV2－18	√	√		
	HV2－21	√	√		
	HV2－25	√	√	√	
	HV2－28	√	√	√	
	HV2－32	√	√	√	√
	HV2－36	√	√	√	√
	HV2－39			√	√
PowerRack HV4	HV4－20	√	√		
	HV4－25	√	√		
	HV4－30	√	√		
	HV4－35	√	√	√	
	HV4－40	√	√	√	√
	HV4－46	√	√	√	√
	HV4－51			√	√
	HV4－56			√	

Dyness ENERGY STORAGE SYSTEM
Power You Day and Night

High voltage battery

☐ SERMATEC, SOLIS, Sinexcel Inverter.

Battery Series	Battery Model	Inverter Series					
		SERMATEC		SOLIS		Sinexcel	
		SMT-10K/30K/50K-TL-TH	SolarE-60KSZ	RHI-3P(5-10)K-HVES-5G	RHI-1P7.6K-HVES-5G	PWS1-50K	PWG2-100K
Tower	T7			√	√		
	T10	√		√	√		√
	T14	√		√	√		√
	T17	√		√			
	T21	√				√	
PowerRack HV1	HV1-9			√	√		
	HV1-12	√		√	√		
	HV1-14	√		√	√		√
	HV1-16	√		√	√		√
	HV1-19	√		√	√		√
	HV1-21	√		√	√		√
	HV1-24	√		√			
	HV1-26	√		√			
	HV1-28	√				√	
	HV1-31	√				√	
	HV1-33	√				√	
	HV1-36	√				√	
PowerRack HV2	HV2-14			√	√		
	HV2-18	√		√	√		
	HV2-21	√		√	√		√
	HV2-25	√		√	√		√
	HV2-28	√		√	√		√
	HV2-32	√		√	√		√
	HV2-36	√		√			
	HV2-39	√		√			
PowerRack HV4	HV4-20	√		√	√		
	HV4-25	√		√	√		
	HV4-30	√		√	√		√
	HV4-35	√		√	√		√
	HV4-40	√		√	√		√
	HV4-46	√		√			√
	HV4-51	√		√			
	HV4-56	√				√	

Dyness ENERGY STORAGE SYSTEM
Power You Day and Night

High voltage battery

☐ Hoymiles, Bluesun, HYPONTECH Inverter.

Battery Series	Battery Model	Inverter Series		
		Hoymiles	Bluesun	HYPONTECH
		HY3 5000-10000HV	BSE12KH1NA	HHS -6000
Tower	T7	√	√	√
	T10	√	√	√
	T14	√		√
	T17			
	T21			
PowerRack HV1	HV1-9	√	√	√
	HV1-12	√	√	√
	HV1-14	√	√	√
	HV1-16	√	√	√
	HV1-19	√		√
	HV1-21	√		√
	HV1-24			
	HV1-26			
	HV1-28			
	HV1-31			
	HV1-33			
	HV1-36			
PowerRack HV2	HV2-14	√	√	√
	HV2-18	√	√	√
	HV2-21	√	√	√
	HV2-25	√	√	√
	HV2-28	√		√
	HV2-32	√		√
	HV2-36			
	HV2-39			
PowerRack HV4	HV4-20	√	√	√
	HV4-25	√	√	√
	HV4-30	√	√	√
	HV4-35	√	√	√
	HV4-40	√		√
	HV4-46			
	HV4-51			
	HV4-56			

Dyness ENERGY STORAGE SYSTEM
Power You Day and Night

High voltage battery

☐ Ecactus, Sunways, Sofar Inverter.

Battery Series	Battery Model	Inverter Series			
		Ecactus	Sunways		Sofar
		WH-SPA -3.6-5.0H	STH 3-8KTL -HS	STH 4-12KTL -HT	HYD 5K~20KTL -3PH
Tower	T7	√	√		
	T10	√	√	√	√
	T14	√	√	√	√
	T17			√	√
	T21			√	√
PowerRack HV1	HV1-9	√	√		
	HV1-12	√	√	√	√
	HV1-14	√	√	√	√
	HV1-16	√	√	√	√
	HV1-19	√	√	√	√
	HV1-21		√	√	√
	HV1-24			√	√
	HV1-26			√	√
	HV1-28			√	√
	HV1-31			√	√
	HV1-33			√	√
	HV1-36			√	√
PowerRack HV2	HV2-14	√	√		
	HV2-18	√	√	√	√
	HV2-21	√	√	√	√
	HV2-25	√	√	√	√
	HV2-28	√	√	√	√
	HV2-32		√	√	√
	HV2-36			√	√
	HV2-39			√	√
PowerRack HV4	HV4-20	√	√	√	√
	HV4-25	√	√	√	√
	HV4-30	√	√	√	√
	HV4-35	√	√	√	√
	HV4-40	√	√	√	√
	HV4-46			√	√
	HV4-51			√	√
	HV4-56			√	√

Dyness ENERGY STORAGE SYSTEM
Power You Day and Night

High voltage battery

☐ Thinkpower, Megarevo, and SAJ Inverter

Battery Series	Battery Model	Inverter Series				
		Thinkpower	Megarevo		SAJ	
		EPH12KTL	RKH1	RKH3	H2-3K/ 3.6K/ 4K/ 5K/ 6K -S2	H2-5K/ 6K/ 8K/ 10K -T2
Tower	T7		√	√	√	
	T10	√	√	√	√	√
	T14	√		√	√	√
	T17	√		√		√
	T21	√				
PowerRack HV1	HV1-9		√	√	√	
	HV1-12	√	√	√	√	√
	HV1-14	√	√	√	√	√
	HV1-16	√	√	√	√	√
	HV1-19	√		√	√	√
	HV1-21	√		√		√
	HV1-24	√		√		√
	HV1-26	√		√		√
	HV1-28	√				
	HV1-31					
	HV1-33					
	HV1-36					
PowerRack HV2	HV2-14		√	√	√	
	HV2-18	√	√	√	√	√
	HV2-21	√	√	√	√	√
	HV2-25	√	√	√	√	√
	HV2-28	√		√	√	√
	HV2-32	√		√		√
	HV2-36	√		√		√
	HV2-39	√		√		√
PowerRack HV4	HV4-20	√	√	√	√	
	HV4-25	√	√	√	√	√
	HV4-30	√	√	√	√	√
	HV4-35	√	√	√	√	√
	HV4-40	√		√	√	√
	HV4-46	√		√		√
	HV4-51	√		√		√
	HV4-56	√				