The list of compatibility between Dyness ESS and Inverters
2020.5 V1.5

Low Voltage

Brand	Type	B4850	B3	Powerbox Series	Powercube Series	Communication	Cable Supply	Coupling Type	Application	Key Features	Firmware Version	Installation
				Battery								
GOODWE	GW3648D-ES/GW5048D-ES/BP/SBP/EM			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
GROWATT	SPA/SPH3000/3600/4000/4600/5000/6000			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
GROWATT（SANKO/Socar）	SPF 5000TL HVM-P/SPF 3000TL（High Frequency） HVM-P/ SPF 12KT HVM（Power frequency) M3000H-48、M5000H-48、M5000H-48BP（High Frequency） M12000L-48, M12000L-48SP（4KW/5KW/6KW/8KW/10KW/12KW)(Power frequency)			OK		RS485	RJ45	DC	Off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
GROWATT	SPF 5000ES			Under Test		RS485(9600)/CAN	RJ46	DC	Off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SOFAR	HYD3000-ES			OK		CAN	RJ45	AC	On-gird	Activation: No; Force charge: Yes;	20191231	Wall mounting Floor standing
SOLIS	RHI-3K/3.6K/5K-48ES/RHI-3K-48ES-5G/RHI-3.6K-48ES-5G/RHI-5K-48ES-5G/RHI-6K-48ES-5G			OK		CAN	RJ45	DC	On/off-gird	Activation:pv only; Force charge: Yes;	20191231	Wall mounting Floor standing
LUXPOWER	LXP 3K/3.6K/4K/4.6K/5K Hybrid LXP 3600 ACS series			OK		CAN	RJ45	DCAC	On-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
VICTRON	Multiplus/Quattro 48			Under Test		CAN	RJ45	DC	On-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
IMEON	IMEON 3.6/9.12			OK		CAN	RJ45	DC	On-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
DEYE	SUNSYNK PARITY INVERTER 5000W/7600W/8000W			OK		CAN	RJ45	DC	On-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SMA	Sunny Island 4.4M /6.0H/8.0H			/		CAN	RJ45	DC	Off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
INFINI/VOLTRONIC	Infinisolar series 48V /Axpert-King series48V with communication Card			OK		RS485	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
INFINI/VOLTRONIC	Axpert-King series (RS485 protocol)			OK		RS485	RJ45	DC	off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
INFINI/VOLTRONIC(Mercer)	ICC			Under Test		RS232(115200)	RJ45	DC	Off-gird	Use as Lead-Acid Mode	20200529(icc)	Wall mounting Floor standing
GMDE	3700TL			Under Test		RS485	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SUNGROW	SH5K-30			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
RENAC	ESC5000-DS			Under Test		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
DELIOS	DLS-300C、DLS-450C、DLS-600C			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SAJ	Sunfree Series			Under Test		RS485(9600)/CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SERMATEC	SMT-5K-TL-LV			Under Test		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
STECA	Solarix PLI 5000-48			Under Test		N/A	N/A	DC	Off-gird	Activation: Manual; Force charge: No;	20191231	Wall mounting Floor standing
Studer Innotec	Xtender 48V serie VarioString serie VarioTrack 48V serie			Under Test		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SUNRAY	MPS series 1/3/5kva			Under Test		/	/	DC	Off-gird	Use as Lead-Acid Mode	20191231	Wall mounting Floor standing
TBB	Kinergier Pro CK8.0S			Under Test		CAN	RJ45	DC	Off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
MUST	PV18 2-5.5kW/PH18 2-5.5KW			Under Test		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing

High Voltage

Brand	Type	H3	Tower	Powercube high vol	Rack high vol	Application	Coupling type	Communication	Cable Supply	Key Features	Firmware Version	Installation
				Battery								
LUXPOWER	LXP-PCS6T			OK		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dqg3_736r16	Floor standing
GOODWE	GW5000-EH/ET			OK		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge no communication 10min shut down		Floor standing
Solaredge	StorEdge® Products			/		On/Off grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Floor standing
GROWATT	SPH 10000TL3 BH			Under Test(complete the degree20%)		On/Off grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Floor standing
SERMATEC	SMT-10K/30K/50K-TL-TH			Under Test(complete the degree80%)		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Floor standing
OMNIK	/			Under Test		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Floor standing
ATESS	PCS 50/100/250/500/630 HPS5000/7500/10000TLS			Under Test(complete the degree 10%)		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Floor standing
Wantpower	HVESS 5700/10000/12500/15000/175000			Under Test(complete the degree 10%)		On-grid	DCAC	CAN	RJ46(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Floor standing
SINEXCEL	PWS2-30K-EX			Under Test(Has not started)		On-grid	DCAC	485	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Floor standing