

The list of compatibility between Dyness ESS and Inverters 2020.12 V1.6.3												
Low Voltage												
Inverter		Battery				Communication	Cable Supply	Coupling Type	Application	Key Features	Firmware Version	Installation
Brand	Type	B4850	B3	Powerbox Series	Powercube Series							
GOODWE	GW3648D-ES/GW5048D-ES/BP/SBP/EM	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SO FAR	HYD3000-ES	OK				CAN	RJ45	AC	On-grid	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-grid	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(SNASK(off-grid))	OK				CAN	RJ45	DCAC	On-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
VICTRON	Multiplex/Quattro 48	OK				CAN	RJ45	DC	Off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
IMEON	IMEON 3.6/9.12	OK				CAN	RJ45	DC	On-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
DEYE	SUNSINK PARITY INVERTER 5000W/7600W/8000W	OK				CAN	RJ45	DC	On-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SMA	Sunny Island 4.4M /6.0H/8.0H	OK				CAN	RJ45	DC	Off-grid	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-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
INFINI/VOLTRONIC	Axpert-King MKS Modbus Duo Box/Axpert-King VM (RS485 PN-protocol)	OK				RS485	RJ45	DC	off-grid	Activation: Yes; Force charge: Yes;	20200904	Wall mounting Floor standing
INFINI/VOLTRONIC(Mercer)	ICC	OK				RS232(115200)	RJ45	DC	Off-grid	Use as Lead-Acid Mode	20200529(cc)	Wall mounting Floor standing
INFINI/VOLTRONIC(Mercer)	SMH	/				/	/	/	/	/	/	/
GMDE	3700TL	OK				RS485	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SUNGROW	SH5K-30	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
RENAC	ESC5000-DS	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
DELIOS	DLS-300C、DLS-450C、DLS-600C	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SAJ	Sunfree Series	OK				RS485(9600)CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SAJ	H1-3k-S2	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SERMATEC	SMT-5K-TL-LV	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
STECA	Solarix PLI 5000-48	Under Test (90% completed)				N/A	N/A	DC	Off-grid	Activation: Manual; Force charge: No;	20191231	Wall mounting Floor standing
Studer Innotec	Xtender 48V serie VarioString serie VarioTrack 48V serie	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SUNRAY	MPS series 1/3/5kva	OK				/	/	DC	Off-grid	Use as Lead-Acid Mode	20191231	Wall mounting Floor standing
TBB	Kinergie Pro CK8.0S	OK				CAN	RJ45	DC	Off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
MUST	PV18 2-5.5KW /PH18 2-5.5KW	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
Sorotec	REVO II 3.2K-48 /REVO II 5.5K-48	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
Schneider	Conext Series Products/Conext XW Pro	Under Test (90% completed)				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20201027	Wall mounting Floor standing
TSUN	TSOL-H5.0K-H	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
EPEVER	UP3000-HM5042	In the plan				RS485	/	/	/	/	/	/
Fronius	Fronius Symo Hybrid 5.0-3-S	In the plan				RS485	/	/	/	/	/	/
MAGAREVO	R5KL1	OK				CAN	RJ45	DC	On/off-grid	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SRNE	HT4850S80	Under Test (80% completed)				RS485	RJ45	DC	off-grid	/	20201219	Wall mounting Floor standing
AISHIWEI	/	Under Test (0% completed)				/	/	/	/	/	/	/
High Voltage												
Inverter		Battery				Application	Coupling type	Communication	Cable Supply	Key Features	Firmware Version	Installation
Brand	Type	H3	Tower	Powercube high vol	Rack high vol							
LUXPOWER	LXP-PCS6T	OK				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dgg3_736r16 mp38dgg3_738r11	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	m38dqgw_736l	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	OK				On/Off grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	GRT Protocol: m38growatt_736j Standard Protocol: m38dinhv_738j	Floor standing
SERMATEC	SMT-10K/30K/50K-TL-TH	OK				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dqphv_736m	Floor standing
OMNIK	/	/				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	/	Floor standing
ATESS (HPS inverter)	HPS5000/7500/10000TLS	OK				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dqatess_736k	Floor standing
ATESS (PCS)	PCS 50/100/250/500/630	Under Test (0% Completed)				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	/	Floor standing
Wantpower	HE3600HV/HE4600HV/HE5000HV	Under Test(50% Completed)				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dqphv_736m	Floor standing
SINEXCEL	PWS2-30K-EX	OK				On-grid	DCAC	485	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dqphv_736u	Floor standing
TSUN	TSOL-H Series	Under Test(50% Completed)				On-grid	DCAC	CAN	RJ45(Modbus)	/	/	Floor standing
SOLIS	RHI-3P(5-10)K-HVES-5G	OK				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dqphv_736u	Floor standing
Hoymiles	HY3 Series	OK				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dqphv_736m	Floor standing
Ecactus	WH-SPA-3.6H/WH-SPA-5.0H	OK				On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	m38dqphv_736u	Floor standing
DEYE	SUN-10KW-SG02HP3	Under Test(0% Completed)				On-grid	DCAC	CAN	RJ45(Modbus)	/	/	Floor standing
IMEON	/	Under Test(50% Completed)				On-grid	DCAC	CAN	RJ45(Modbus)	/	m38dqphv_736m	Floor standing

