The list of compatibility between Dyness ESS and Inverters
2020.4 V1.4

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-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
GROWATT	SPH3000/3600/4000/4600/5000/6000			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
GROWATT（SANKO/Socar）	SPF 5000TL HVM-P/SPF 3000TL HVM-P/ SPF 12KT HVM			OK		RS485	RJ45	DC	Off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
SOFAR	HYD3000/5000/6000-ES			OK		CAN	RJ45	AC	On-gird	Activation: No; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
SOLIS	RHI-3K/3.6K/5K-48ES			OK		CAN	RJ45	DC	On/off-gird	Activation:pv only; Force charge: Yes;	0416DPBM_1	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;	0416DPBM_1	Wall mounting Floor standing
VICTRON	Multiplus/Quattro 48			OK		CAN	RJ45	DC	On-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
IMEON	IMEON 3.6/9.12			OK		CAN	RJ45	DC	On-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
DEYE	SUNSYNK PARITY INVERTER 5000W/7600W/8000W			OK		CAN	RJ45	DC	On-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
SMA	Sunny Island 4.4M /6.0H/8.0H			Under Test		CAN	RJ45	DC	Off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	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;	0416DPBM_1	Wall mounting Floor standing
VOLTRONIC(Mercer/Axpert)	ICC			Under Test		RS232(115200)	RJ45	DC	Off-gird	Use as Lead-Acid Mode	0416DPBM_1	Wall mounting Floor standing
GMDE	3700TL			OK		RS485	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
SUNGROW	SH5K-30			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
RENAC	ESC5000-DS			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
DELIOS	DLS-300C、DLS-450C、DLS-600C			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
SAJ	Sunfree Series			OK		RS485(9600)/CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
SERMATEC	SMT-5K-TL-LV			Under Test		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	0416DPBM_1	Wall mounting Floor standing
STECA	Solarix PLI 5000-48			Under Test		N/A	N/A	DC	Off-gird	Activation: Manual; Force charge: No;	0416DPBM_1	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;	0416DPBM_1	Wall mounting Floor standing

High Voltage

Inverter		Battery		Application	Coupling type	Communication	Cable	Key	Firmware	Installation

Brand	Type	H3	Tower	Powercube high vol	Rack high vol	Application	Coupling type	Communication	Supply	Features	Version	Installation
LUXPOWER	LXP-PCS6T			OK		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge	V7.36r16	Wall mounting Floor standing
GOODWE	GW5000/10K-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	V7.36k	Wall mounting Floor standing
Solaredge	StorEdge® Products			/		On/Off grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Wall mounting Floor standing
SERMATEC	SMT-10K/30K/50K-TL-TH			Under Test		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Wall mounting Floor standing
OMNIK				Under Test		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Wall mounting Floor standing
ATESS				Under Test		On-grid	DCAC	CAN	RJ45(Modbus)	Activation:Yes Force charge: Yes(SOC<10%) SoC<10% fobid discharge		Wall mounting Floor standing