



The list of compatibility between Dyngess ESS and Inverters 2021.V1.2.0

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;	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			OK		RS485(9600)/CAN	RJ45	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			OK		CAN	RJ45	DC	Off-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			OK		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 MKS Modbus Duo Box/Axpert-King VM (RS485 PN-protocol)			OK		RS485	RJ45	DC	off-gird	Activation: Yes; Force charge: Yes;	20200904	Wall mounting Floor standing
INFINI/VOLTRONIC(Mercer)	ICC			OK		RS232(115200)	RJ45	DC	Off-gird	Use as Lead-Acid Mode	20200529(icc)	Wall mounting Floor standing
GMDE	3700TL			OK		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			OK		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			OK		RS485(9600)/CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SAJ	H1-3k-S2			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
SERMATEC	SMT-5K-TL-LV			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	20191231	Wall mounting Floor standing
Studer Innotec	Xtender 48V serie VarioString serie VarioTrack 48V serie			OK		CAN	RJ45	DC	On/off-gird	Activation: Yes; Force charge: Yes;	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

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_738t11	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	m38dggw_736I	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; m38dqphv_736U	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
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