

EMUS G1 Control Unit Supported chargers and inverters list

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ControlUnit_Firmware_ESS				
No.	Charger/Inverter	Communication protocol version	Name	Tested with
1	Deye/Sunsync LV	Deye LV CAN protocol v1.0	DEYE_CAN_INVERTER_ESS.img	SUN-5K-SG03PL1-EU
2	Deye/Sunsync HV	Deye HV CAN protocol v1.17	DEYE_HV_CAN_INVERTER_ESS.img	SUN-50K-SG01HP3-EU-BM4
3	Victron	Victron CAN BMS protocol v20220308	VICTRON_CAN_INVERTER_ESS.img	EasySolar-II GX
4	Elcon J1939	Elcon J1939 CAN protocol v0010.0A	ELCON_J1939_CHARGER_ESS.img	Elcon TCCH-H65-25
5	ADY J1939	ADY CAN protocol based on Elcon J1939	ADY_J1939_CHARGER_ESS.img	Elcon TCCH-H65-25
6	IEB J1939	IEB CAN protocol based on Elcon J1939	IEB_J1939_CHARGER_ESS.img	Elcon TCCH-H65-25
7	Non-CAN	I/O Controlled	NON_CAN_CHARGER.img	Laboratory power supply
8	Delta-Q	Delta-Q CiA 418/419 PDO Mappings	DELTA_Q_CAN_CHARGER_ESS.img	Delta-Q RC1200-U48-D
9	Delta-Q	Delta-Q Full Control W/O Seq Cnt	DELTA_Q_XV_3300_CAN_CHARGER_ESS.img	Delta-Q XV3300-120-12-DC-EV
10	Zivan	Zivan RE Protocol	ZIVAN_RE_CAN_CHARGER_ESS.img	Zivan NG1
11	Growatt	Growatt LV CAN protocol v1.04-1	under request	under request
12	Goodwe	n/a	under request	under request
13	Afore	n/a	under request	under request
14	Atess	n/a	under request	under request
15	Sermatec	n/a	under request	under request
16	SMA Sunny Island	n/a	under request	under request
17	SolarArk	n/a	under request	under request
18	Analog Controlled Charger	I/O Controlled	under request	under request
19	ZVU	I/O Controlled	under request	under request

ControlUnit_Firmware_Mobility				
No.	Charger	Communication protocol version	Name	Tested with
1	Elcon J1939	Elcon J1939 CAN protocol v0010.0A	ELCON_J1939_CHARGER_Mobility.img	Elcon TCCH-H65-25
2	ADY J1939	ADY CAN protocol based on Elcon J1939	ADY_J1939_CHARGER_Mobility.img	Elcon TCCH-H65-25
3	IEB J1939	IEB CAN protocol based on Elcon J1939	IEB_J1939_CHARGER_Mobility.img	Elcon TCCH-H65-25
4	Non-CAN	I/O Controlled	NON_CAN_CHARGER.img	Laboratory power supply
5	Delta-Q	Delta-Q CiA 418/419 PDO Mappings	DELTA_Q_CAN_CHARGER_Mobility.img	Delta-Q RC1200-U48-D
6	Delta-Q	Delta-Q Full Control W/O Seq Cnt	DELTA_Q_XV_3300_CAN_CHARGER_Mobility.img	Delta-Q XV3300-120-12-DC-EV
7	Zivan	Zivan RE Protocol	ZIVAN_RE_CAN_CHARGER_Mobility.img	Zivan NG1
8	ATIB HTC & HTUD	n/a	under request	under request
9	Brusa NLG644	n/a	under request	under request
10	EDN	n/a	under request	under request
11	Eltel Valere EV Power	n/a	under request	under request
12	Enpower	n/a	under request	under request
13	G-Power EV33	n/a	under request	under request
14	HF/PFC	n/a	under request	under request
15	Ingeteam	n/a	under request	under request
16	Micropower Group Lion	n/a	under request	under request
17	PYLON	n/a	under request	under request
18	Powerfinn Robust and PAP3200	n/a	under request	under request
19	Shinry	n/a	under request	under request
20	Stercom	n/a	under request	under request
21	TSM	n/a	under request	under request
22	Analog Controlled Charger	I/O Controlled	under request	under request
23	ZVU	I/O Controlled	under request	under request