Commands

Send Parameters to Flash

Restore Parameters from Flash

Start Inverter in manual Mode

Stop Inverter

Display Error Memory

Reset CAN Mapping

Send Custom Command

WiFi Settings

Start Remote Support Session

UART Update

Use binary files (stm32_smaRo.bin) for updating inverter firmware. Upload any other file for updating this web interface.

Choose File | Keine Datei ausgewählt | Upload

SWD Update

Use binary files (stm32_loader.bin, stm32_smaRo.bin) for updating inverter bootloader/firmware.

Choose File | Keine Datei ausgewählt | Upload

Erase Flash | Verify Reset | App Bootloader | App Flash | Go Bootloader | Go Flash

Parameters

Parameter Reference

Download Parameter File Downloads the parameters as per the last table update

Choose File | Keine Datei ausgewählt | Apply Parameter File

Submit parameters to openinverter

Subscribe to parameter set:

Type new value and hit enter to change. Only change one value at a time.

Messages | Clear

Toggle Category Visibility

#	Name	Value	Unit	Minimum	Maximum	Default
	--- General Setup					
0	Inverter	4688MC		0	8	0
1	Vehicle	4688		0	8	0
2	GearLer	4688		0	4	0
3	Transmission	Manual		0	4	0
4	Interface	Generic		0	4	0
5	chargemodes	MFI		0	4	0
6	BMS_Mode	MFI		0	5	0
7	BrushType	Inactive		0	1	0
8	InverterCan	Intern		0	1	0
9	VehicleCan	Intern		0	1	0	
10	ShuntCan	Intern		0	1	0
11	LimCan	Intern		0	1	0
12	ChargerCan	Intern		0	1	0
13	BMSCan	Intern		0	1	1
14	OBDCan	Intern		0	1	0
15	CanMapCan	Intern		0	1	0
16	SOCCan	Intern		0	1	0
17	HeaterCan	Intern		0	1	0
18	MuteAna	MFI		0	3	0
	--- Throttle					
19	potmin	1111	dig	0	4095	0
20	potmax	1111	dig	0	4095	4095
21	potmin	1111	dig	0	4095	4095
22	potmax	1111	dig	0	4095	4095
23	regenpoti	1111	dig	0	4095	4095
24	regenmin	1111	rpm	-1000	1000	-1000
25	regenmaxrpm	1111	rpm	100	10000	100
26	regenmax	1111	%	-25	0	-100
27	regenBrake	1111	%	-35	0	-10
28	regenramp	1111	%*10ms	0.05	100	1
29	potmode	Switched		0	1	0
30	throttle	Inactive		0	4	1
31	throtramprate	1111		0	4095	0
32	throtramp	1111	%*10ms	1	100	10
33	throtramprpm	1111	rpm	0	20000	20000
34	throtmin	1111	rpm	0	20000	6000
35	throtfunc	MFI		0	1	0
36	udcmin	1111	V	0	1000	100
37	udcmax	1111	V	0	1000	520
38	idcmax	1111	A	0	5000	5000
39	idcmin	1111	A	-5000	0	-5000
40	tmpfreeze	1111	°C	50	150	85
41	tmpmax	1111	°C	50	150	90
42	throtmax	1111	%	0	100	100
43	throtmin	1111	%	0	100	10
44	throtramp2pt	1111	%	-100	0	-10
45	throtmaxfwd	1111	%	0	100	50
46	throtmaxrev	1111	%	0	50	10
47	throtrefmaxpt	1111	%	0	100	100
48	throtrpmlft	1111	rpm/10ms	0.05	200	15
	--- Gearbox Control					
49	Gear	4288		0	3	0
50	CtlPump	1111	%	0	100	50
	--- Cruise Control					
51	cruisestep	1111	rpm	1	1000	200
52	cruisemaxrpm	1111	rpm/100ms	1	1000	20
53	cruiseramp	1111		0	1000	1
	--- Contactor Control					
54	udcsw	1111	V	0	1000	330
55	cruiseOpt	MFI		0	1	0
56	enDigIn	MFI		0	255	0
	--- Communication					
57	CANSpeed	1000		0	1000	500
	--- Charger Control					
58	BatCap	1111	mWh	0.08	250	22
59	Socperc	1111	V	0	1000	365
60	Pumpgain	1111	kp	0	10000	1000
61	idcTerm	1111	A	0	150	0
62	CCS_Cmd	1111	A	0	500	0
63	CCS_ILim	1111	A	0	350	100
64	CCS_SOCLim	1111	%	0	100	80
65	SOCFC	1111	%	0	100	100
66	ChgInt	1111	s	0	2	0
67	ChgTime	1111	Sec	0	255	240
68	ChgEff	1111	%	0	100	90
69	ContgFactor	MFI		0	1	0
	--- BIC-DC Converter					
69	DCdc_Type	1111		0	1	0
70	DCSetPnt	1111	V	0	15	14
	--- Battery Management					
71	BMS_Timeout	1111	sec	1	120	10
72	BMS_WakeLine	1111	V	0	1000	0
73	BMS_StrtupLmt	1111	°C	-100	100	4.18
74	BMS_TmrtLmt	1111	°C	-100	100	50
74	BMS_TmrtLmt	1111	°C	-100	100	50
	--- Heater Module					
75	Heater	4688		0	3	0
76	Control	4688		0	2	0
77	HeatPwr	1111	W	0	1000	0
78	HeatPwrct	1111	%	0	100	0
	--- BTC Module					
79	Ser_Dur	4x7.9		0	4	0
80	Ser_Hour	1111	Hours	0	23	0
81	Ser_Min	1111	Mins	0	59	0
82	Ser_Sec	1111	Secs	0	59	0
83	Chg_Hrs	1111	Hours	0	23	0
84	Chg_Min	1111	Mins	0	59	0
85	Chg_Dur	1111	Mins	0	600	0
86	Prk_Hrs	1111	Hours	0	23	0
87	Prk_Min	1111	Mins	0	59	0
88	Prk_Dur	1111	Mins	0	60	0
	--- General Purpose I/O					
89	PumpPWM	5000KC		0	1	0
90	DutyFreq	5000RKHZ		0	15	7
91	OutDFunc	RMRHHHZ		0	15	7
92	OutDFunc	RMHHHHZ		0	15	0
93	OutDFunc	RMHHHHZ		0	15	0
94	BLFunc	RMC		0	15	0
95	BLFunc	RMC		0	15	0
96	PWMDFunc	RMC		0	15	0
97	PWMDFunc	RMHHHZ		0	15	0
98	PWMDFunc	RMHHHZ		0	15	0
99	GP12VFunc	RRRHHHZ		0	13	12
100	HVRedFunc	RRRHHHZ		0	13	12
101	PBVolFunc	RRRHHHZ		0	13	12
102	PBSHFunc	RRRHHHZ		0	13	12
103	GPA1Func	RMC		0	2	0
104	GPA2Func	RMC		0	15	0
105	pgBrkth	1111	dig	0	4095	2500
106	BrkSwThresh	1111	dig	0	4095	2500
107	BrkSwHyst	1111	dig	0	4095	2500
108	DigPotStep	1111	dig	0	255	0
109	DigPotMax	1111	dig	0	255	0
110	FanTemp	1111	°C	0	100	40
111	TachoPPR	1111	PPR	0	100	2
	--- BA Shunt Control					
112	baInit	MFR		0	1	0
	--- PWM Control					
113	Tim3_Freq	1111		1	72000	719
114	Tim3_Period	1111		1	100000	7200
115	Tim3_1_DC	1111		1	100000	3600
116	Tim3_2_DC	1111		1	100000	3600
117	Tim3_3_DC	1111		1	100000	3600
118	CP_PWM	1111		1	100	10

Spot Values

Store Gauges | Show Data Logger

Name	Value	Unit	Plot	CAN Id	Position	Bits	Gain	Map to CAN
version	2.22.A		☐ ▾					TX | RX
opmode	Run		☐ ▾					TX | RX
chgtyp	Off		☐ ▾					TX | RX
lasterr	NONE		☐ ▾					TX | RX
status	PrePrecharge		☐ ▾					TX | RX
CanAct	Off		☐ ▾					TX | RX
TempSmale	None		☐ ▾					TX | RX
udc	87.18	V	☐ ▾					TX | RX
udc2	88.8	V	☐ ▾					TX | RX
udc3	0	V	☐ ▾					TX | RX
dcdcV	0	V	☐ ▾					TX | RX
MMode	00	V	☐ ▾					TX | RX
power	0	kW	☐ ▾					TX | RX
idc	-0.12	A	☐ ▾					TX | RX
Kildc	0	kwh	☐ ▾					TX | RX
AbsPh	0	Ah	☐ ▾					TX | RX
SOC	100	%	☐ ▾					TX | RX
BMS_Vmin	0	V	☐ ▾					TX | RX
BMS_Vmax	0	V	☐ ▾					TX | RX
BMS_Tmin	0	°C	☐ ▾					TX | RX
BMS_Tmax	0	°C	☐ ▾					TX | RX
BMS_TVmax	0	°C	☐ ▾					TX | RX
BMS_Chargelim	6999	A	☐ ▾					TX | RX
BMS_MaxInput	0	kW	☐ ▾					TX | RX
BMS_MaxOutput	0	kW	☐ ▾					TX | RX
BMS_MaxCharge	0	W	☐ ▾					TX | RX
BMS_IsolMon	0	kΩ	☐ ▾					TX | RX
BMS_IsoMeas	0	mV	☐ ▾					TX | RX
speed	0	rpm	☐ ▾					TX | RX
Veh_Speed	0	kph	☐ ▾					TX | RX
torque	0	dig	☐ ▾					TX | RX
pot	-1797	dig	☐ ▾					TX | RX
potS	915	dig	☐ ▾					TX | RX
potnom	0	dig	☐ ▾					TX | RX
brakepressure	0	dig	☐ ▾					TX | RX
potnom	0	%	☐ ▾					TX | RX
dir	Neutral		☐ ▾					TX | RX
tmphs	13	°C	☐ ▾					TX | RX
tmpm	11.34	°C	☐ ▾					TX | RX
tmpaux	0	°C	☐ ▾					TX | RX
vout	13.78	V	☐ ▾					TX | RX
canio			☐ ▾					TX | RX
PowrRsvdNxt	50	%	☐ ▾					TX | RX
crcerrcount	0	cnt	☐ ▾					TX | RX
cruisectl	None		☐ ▾					TX | RX
din_cruise	Off		☐ ▾					TX | RX
din_start	On		☐ ▾					TX | RX
din_brake	On		☐ ▾					TX | RX
din_forward	Off		☐ ▾					TX | RX
din_reverse	Off		☐ ▾					TX | RX
din_bms	Off		☐ ▾					TX | RX
din_12Dig	Off		☐ ▾					TX | RX
handbrk	Off		☐ ▾					TX | RX
Gear1	Off		☐ ▾					TX | RX
Gear2	Off		☐ ▾					TX | RX
Gear3	Off		☐ ▾					TX | RX
T15Stat	On		☐ ▾					TX | RX
ImcStat	On		☐ ▾					TX | RX
GearPB	LOW		☐ ▾					TX | RX
CableLim	0	A	☐ ▾					TX | RX
PotLim	0	A	☐ ▾					TX | RX
PlugDet	Off		☐ ▾					TX | RX
PlotTyp	Absent		☐ ▾					TX | RX
CCS_L Avail	0	A	☐ ▾					TX | RX
CCS_L Avail	0	A	☐ ▾					TX | RX
CCS_L	0	A	☐ ▾					TX | RX
CCS_Imtg	0	A	☐ ▾					TX | RX
CCS_V	0	V	☐ ▾					TX | RX
CCS_V_Min	0	V	☐ ▾					TX | RX
CCS_V_Cnt	0	V	☐ ▾					TX | RX
hvChg	Off		☐ ▾					TX | RX
CCS_CONG	NotRdy		☐ ▾					TX | RX
CCS_State	0	s	☐ ▾					TX | RX
CP_DOOR	CLOSED		☐ ▾					TX | RX
CCS_Contactor	Off		☐ ▾					TX | RX
Day	Sun		☐ ▾					TX | RX
Hour	1	H	☐ ▾					TX | RX
Min	59	M	☐ ▾					TX | RX
Sec	5	S	☐ ▾					TX | RX
ChgT	0	M	☐ ▾					TX | RX
HeatReq	Off		☐ ▾					TX | RX
V12V	0	V	☐ ▾					TX | RX
CtlV	0	V	☐ ▾					TX | RX
ChgTemp	0	°C	☐ ▾					TX | RX
AC_Volts	0	V	☐ ▾					TX | RX
AC_Amps	0	A	☐ ▾					TX | RX
varsh	12	dig	☐ ▾					TX | RX
opvlvalt	3.78	%	☐ ▾					TX | RX
PPilot	0	dig	☐ ▾					TX | RX
BmbActive	0	dig	☐ ▾					TX | RX
tmpheater	0	°C	☐ ▾					TX | RX
udcheater	0	V	☐ ▾					TX | RX
powerheater	0	W	☐ ▾					TX | RX
VehLockSt	Off		☐ ▾					TX | RX
serial	45978843		☐ ▾					TX | RX

Plot

Start Plot | Stop Plot | Pause Plot | Limit data points to: 1000 | Burst length: 1

Copyright 2018 Johannes Huebner dev@johanneshuebner.com

Icons by stephz

Theme by Michaela Stadnyk