

Characteristics | Settings



WARNING! Incorrect operation can cause serious injury and damage. Observe battery manufacturer's instructions. When parameters are being set, make sure that battery is disconnected from charger. Overheated battery and high charging voltage can cause serious injury and damage. When using the „formatting“ or „deep discharge“ characteristics, disconnect battery from the vehicle, always supervise the battery and disconnect it from the charger, if a battery temperature of 60 °C (140 °F) is exceeded.

Number	Name	Type	Charging Time	I1 (A/100Ah)	I2 (A/100Ah)	I3 (A/100Ah)	U1 (V/Cell)	Charging Factor	Cut-Off Criterion	Ch.Fac.Calib. (%)	Trickle Charge
Battery Pb - WET (PzS, GIs, ..):											
6	Ri - WET	RIUPoTC	5-12 [7-8]	X	X	X	2.4 (Ri-compens.)	X	intelligent	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
1	IUI - WET	IUIoTC	X	12-25 [20]	5	X	2.35-2.50 [2.40]	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
30	FCC IUI - WET ⁵	IUIoTC	X	20-40 [35]	5	X	2.35-2.45 [2.40]	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
13	I-Puls - WET	IUPIPoTC	X	12-25 [25]	4	X	2.35-2.45 [2.40]	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
3	IU - WET	IUIoTC	X	12-25 [20]	X	X	2.35-2.45 [2.40]	X	dI/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
8	Charging Factor - WET ¹	IUIoTC	X	12-25 [20]	5	X	2.35-2.45 [2.40]	1.10-1.25 [1.20]	charging factor	95-100 [100]	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
9	Buffering - WET ²	IUIoTC	X	30	X	X	2.35-2.45 [2.40]	X	X	X	Uconst
10	Deep discharge - WET ³	IUIoTC	120	2	X	X	2.6	X	fixed time	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
11	Formatting - WET ⁴	IUIoTC	X	40	4	X	2.4	X	fixed time	X	IU-Puls
20	Formatting2A - WET ⁴	IUIoTC	X	40	4	X	2.4	X	fixed time	X	Iconst
43	FCC - IU - WET ⁵	IUIoTC	X	20-40 [35]	X	X	2.35-2.45 [2.40]	X	dI/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
Battery Pb - GEL (PzV, GIV, ..):											
2	IUI - GEL	IUIoTC	X	10-20 [15]	1.2	X	2.30-2.45 [2.35]	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
4	IU - GEL	IUIoTC	X	10-20 [15]	X	X	2.30-2.40 [2.35]	X	dI/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
12	Formatting - GEL ⁴	IUIoU	X	40	3	X	2.35	X	fixed time	X	Uconst
33	Buffering - GEL ²	IUIoU	X	25	X	X	2.30-2.40 [2.35]	X	X	X	Uconst
34	Deep discharge - GEL ³	IUIoTC	60	2	X	X	2.35	X	fixed time	X	Uconst
39	Tab Tracton Gel	IUIoTC	X	15	1.3	X	2.35	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [Uconst]
40	Exide Motive Power Gel	IUIoTC	X	15	1.3	X	2.4	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
41	Sunlight MotionGel	IUIoTC	X	15	1.3	X	2.4	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
Battery Pb - CSM - WET (Copper Strained Metal):											
31	IUI - CSM - WET	IUIoTC	X	12-25 [25]	5	X	2.35-2.45 [2.40]	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
28	FCC IUI - CSM - WET ⁵	IUIoTC	X	25-40 [35]	5	X	2.35-2.45 [2.40]	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
32	Deep discharge - CSM - WET ³	IUIoTC	120	2	X	X	2.6	X	fixed time	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
Battery Pb - PzQ - WET:											
35	IUI - PzQ - WET	IUIoTC	X	12-25 [25]	5	X	2.35-2.45 [2.40]	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
36	FCC IUI - PzQ - WET ⁵	IUIoTC	X	25-40 [35]	5	X	2.35-2.45 [2.40]	X	dU/dt	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
37	Deep discharge - PzQ - WET ³	IUIoTC	120	2	X	X	2.6	X	fixed time	X	I-Puls, IU-Puls, Uconst, OFF [IU-Puls]
Battery Lead Crystal (EVFJ, CNFJ):											
25	EVFJ - Lead Crystal	IUIoU	X	20	10	5	2.45	X	current @ U1	X	Uconst, OFF
26	CNFJ - Lead Crystal	IUIoU	X	30	15	X	2.47	X	current @ U1	X	Uconst, OFF
Battery NiCd:											
14	IU - NiCd	IUIoTC	X	10-25 [20]	X	X	1.40-1.75 [1.65]	X	dI/dt	X	Uconst, OFF [Uconst]
Battery Pb - WET (PzS, GIs, ..) Pb - GEL (PzV, GIV, ..):											
42	TagID guided charging	X	5-12	X	X	X	X	X	intelligent	X	IU-Puls

1) Charging factor..... Adjustable overcharging of the battery

2) Trickle charge..... is intended for stand-by batteries, starter batteries, batteries with parallel consumers (Power supply for waggons, trains, ..., Charging of batteries for Solar plants, boats)

3) Deep discharge..... Use only for deep discharged batteries (Battery voltage below the normal operating range) or reactivation charge

4) Formatting..... Initial charge of the battery (formatting charge)

5) FCC..... Fast Charging Curves requires temperature controlled charging

Values in brackets are preset standard values | Valid from CHARGE CONFIG V 1.10.0



Serial Number	
Item Number:	
Main Software Version:	

Additional Information:

Factory setting for this device:

Battery Name	Type	Charging Time	I1 (A/100Ah)	I2 (A/100Ah)	I3 (A/100Ah)	U1 (V/Cell)	Charging Factor	Cut-Off Criterion	Ch.Fac.Calib. (%)	Trickle Charge

Equalisation Charge	ON	OFF
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Options:
Electrolyte circulation
External start/stop
Charging lights
Temperature controlled charging
Relay board
Option box
LED strip
Floor bracket
Wall bracket
Airfilter
„Mobile“ kit
RCS remote indication

Configuration Relay Board or Option Box:	Relais 1	Relais 2	Relais 3	Relais 4
Aquamatic				
Charge finish				
Common error message				
Immobiliser				
Main charge finished				
Battery cooled down				
External air pump				
Charge 80 %				
Charge in progress				
On				
Refill indicator				