

Battery Charger/Analyzer DC-CA 1000



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CE



Highlights of the DC-CA 1000:



- 10,1“ Touch Screen
- Touch Screen controlled - settings and current values can be seen at a glance
- Charge and discharge of Aircraft batteries (NiCd & Lead Acid) with one device at the same time
- Maintenance of 2 batteries with one DC-CA 1000 at the same time, even with different capacities and/or manufacturers. (one battery charge and one battery discharge)
- Work with time or voltage settings during charge/discharge
- Intelligent charger regulator with safety shutdown, when using “Volt-set” mode
- Deep Cycling with full C1A rate to 0 Volt
- Cell voltage measuring with recording on the device
- LAN connection and optional WLAN connection for data downloading of stored data for tested batteries
- Charge up to 60 Ampere
- Discharge up to 80 Ampere
- Charge- and Discharge-Curve drawing
- Dimension: W: 505 mm H: 485 mm L: 500 mm
- Weight: approx. 58 kg
- Proven system design from 40 years of our Charger/Analyzer experience
- Cell measuring during the charge/discharge process with battery hoods (optional feature under development)*
- PC based remote Battery management System (optional feature under development)*
- CE tested and certified

* An update for the optional features under development will be made available to our customers as soon as their development is completed.



Primary Screens

HW: DC-CA1000-V3 SW: v3.0.30 22/01/11

Program: NiCd Main & Top Charge Program: NiCd Discharge Time Set

26,7 V	5,0 A	25,4 V	0,0 A
Set Time: 00:59:43	Set Time: 01:00:00		Set Time: 00:00:00
Main Ampere Set: 5,0 A	Top Ampere Set: 10,0	Running Time: 00:00:00	
System Delay Time 10S	Running Time 00:00:17		Ampere Set: 0,0 A

Cell Voltage Chart Stop Reset Volt Chart Cell Voltage Start

Program: Lead-Acid Charge Volt Set RG Series Program: Lead-Acid Discharge Volt Set

27,9 V	2,5 A	0,0 V	0,0 A
Final Ampere: 4,2 A	Final Voltage: 28,5 V		
Running Time: 00:00:02	Battery Cap: 42,0 Ah	Running Time: 00:00:00	Final Voltage: 20,0 V
Current Set 1/10 C	Ampere Set: 35,0 A		Ampere Set: 0,0 A

Chart Stop Reset Chart Start

Cell Voltage Charge

1	1,318	13	1,302
2	1,308	14	1,328
3	1,311	15	1,325
4	1,309	16	1,305
5	1,306	17	1,345
6	1,304	18	1,309
7	1,299	19	1,304
8	1,303	20	1,301
9	1,303	21	0,000
10	1,301	22	0,000
11	1,302	23	0,000
12	1,314	24	0,000

Battery Voltage: 26,2 V

Charge Current: 0,0 A

Back LiveView On SAVE Stop

Save Data Charge? X

File Name: SN41138709_Recond.

NO YES

Program: Lead-Acid Battery Reconditioning

17,9 V 0,0 A

Warning
end of charging voltage

Lead Acid Battery Reconditioning is Finished

Close

Home Reset Volt Chart Start



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