

# Battery Charger/Analyzer DC-CA 1000



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## 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

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



# Primary Screens

**Charge/Discharge NiCd**

**Charge/Discharge Lead-Acid**

**Cell Voltage Charge**      **Cell Voltage Discharge**

Program: NiCd Charge Time Set		Program: NiCd Discharge Time Set	
<b>28,1 V</b>	<b>60,0 A</b>	<b>21,4 V</b>	<b>80,0 A</b>
Running Time: 00:00:07		Running Time: 00:00:03	
Set Time: 01:29:53		Set Time: 01:59:57	
Amperes Set: 60,0 A		Amperes Set: 80,0 A	

Program: Lead-Acid Charge Volt Set		Program: Lead-Acid Discharge Volt Set	
<b>27,9 V</b>	<b>2,5 A</b>	<b>0,0 V</b>	<b>0,0 A</b>
Final Ampere: 4,2 A	Final Voltage: 28,5 V	Running Time: 00:00:00	Final Voltage: 20,0 V
Running Time: 00:00:02	Battery Cap: 42,0 Ah	Amperes Set: 35,0 A	Amperes Set: 0,0 A

Cell Voltage Charge				Battery Voltage	
1	1,318	13	1,302	<b>26,2 V</b>	
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		

**Charge Current**

**0,0 A**

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



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