



COMMISSIONING REPORT 24V

Instruction Page

Thanks for your interest in Alcad's products & services and downloading this document.

This Ni-Cd battery commissioning report consists of this instruction page and 5 sections.

The Cover page
PART A: Charging record
PART B: Discharge record (not for capacity purpose)
PART C: Re-charging record
PART D: Capacity test record

This commissioning shall be performed by a qualified & trained personnel.

IMPORTANT: Please strictly follow Alcad **Installation and Operating Instructions** sheet which has been provided in the battery shipment packaging.

Installation and Operating Instructions sheet can also be downloaded from our website on www.alcad.com

Note that Alcad can perform the commissioning for you.

Please contact your local Alcad's representative on www.alcad.com for more details.

This PDF file format can also be filled in directly on a PC for easier electronic forward back to Alcad.

Please use **Adobe Reader XI or newer**
(free on Adobe web sites)

**Once completed, dated and signed,
please return all pages to:**

E-mail: commissioningreports@alcad.com

Fax: + 46 491 681 10

ALCAD Nickel-Cadmium Batteries Commissioning Report

Delivering quality

Ref N° _____



Alcad order acknowledgment n°: _____

Customer order reference: _____

Customer name: _____

Commissioning date (yy/mm/dd): _____

End-user name: _____

Battery location: _____

Country & City: _____

Project reference: _____

Battery type: _____

No of cells: _____

Date code (example 1306) _____

Delivered: Filled and charged

Electrolyte: Solid

Charger manufacturer: _____

Empty and discharged

Liquid

Model: _____

Charging method

Constant current	Constant Voltage (<i>I/U characteristics</i>)	Charging time (yy/mm/dd & hh:mm):
Charging current (start) _____ A	Charging current (start) _____ A	Date from: _____ to: _____
Charging voltage (start) _____ V	Charging voltage (start) _____ V	Time from: _____ to: _____
Charging current (end) _____ A	Charging current (end) _____ A	
Charging voltage (end) _____ V	Charging voltage (end) _____ V	

PART A: CHARGING RECORD																
1st charge (0 to 15 hours)																
No. Hours	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Time (hh:mm)																
Charg. voltage																
Charg. current																
Ambient T (°C)																
Electrolyte T (°C)																

Cell N°	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
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16																
17																
18																
19																
20																
21																
22																

Please record the readings of the individual cell voltage with 3 digits after the dot (ex: 1.413)

PART A: CHARGING RECORD							1st charge (16 to 30 hours)								
No. Hours	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Time (hh:mm)															
Charg. voltage															
Charg. current															
Ambient T (°C)															
Electrolyte T (°C)															

Cell N°	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															

Commissioning carried out by:

Company name	
Signature	
Name	
Date (yy/mm/dd)	

Acceptance (customer) carried out by:

Company name	
Signature	
Name	
Date (yy/mm/dd)	

Acceptance (end-user) carried out by:

Company name	
Signature	
Name	
Date (yy/mm/dd)	

Please record the readings of the individual cell voltage with 3 digits after the dot (ex: 1.413)

PART B: DISCHARGE RECORD (not for capacity purpose)

No. Hours	0	1	2	3	4	4.25	4.5	4.75	5	5.5						
Time (hh:mm)																
Discharg. voltage																
Discharg. current																
Ambient T (°C)																
Electrolyte T (°C)																
Cell N°																
1																
2																
3																
4																
5																
6																
7																
8																
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10																
11																
12																
13																
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16																
17																
18																
19																
20																
21																
22																

Commissioning carried out by:

Acceptance (customer) carried out by:

Acceptance (end-user) carried out by:

Company name		Company name		Company name	
Signature		Signature		Signature	
Name		Name		Name	
Date (yy/mm/dd)		Date (yy/mm/dd)		Date (yy/mm/dd)	

Please record the readings of the individual cell voltage with 3 digits after the dot (ex: 1.413)

PART C: RE-CHARGING RECORD																
2nd charge (0 to 15 hours)																
No. Hours	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Time (hh:mm)																
Charg. voltage																
Charg. current																
Ambient T (°C)																
Electrolyte T (°C)																

Cell N°	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1																
2																
3																
4																
5																
6																
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22																

Please record the readings of the individual cell voltage with 3 digits after the dot (ex: 1.413)

PART C: RE-CHARGING RECORD							2nd charge (16 to 30 hours)								
No. Hours	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Time (hh:mm)															
Charg. voltage															
Charg. current															
Ambient T (°C)															
Electrolyte T (°C)															

Cell N°	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1															
2															
3															
4															
5															
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19															
20															
21															
22															

Commissioning carried out by:		Acceptance (customer) carried out by:		Acceptance (end-user) carried out by:	
Company name		Company name		Company name	
Signature		Signature		Signature	
Name		Name		Name	
Date (yy/mm/dd)		Date (yy/mm/dd)		Date (yy/mm/dd)	

Please record the readings of the individual cell voltage with 3 digits after the dot (ex: 1.413)

PART D: CAPACITY TEST RECORD

No. Hours	0	1	2	3	4	4.25	4.5	4.75	5	5.5						
Time (hh:mm)																
Discharg. voltage																
Discharg. current																
Ambient T (°C)																
Electrolyte T (°C)																
Cell N°																
1																
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20																
21																
22																

Commissioning carried out by:

Company name	
Signature	
Name	
Date (yy/mm/dd)	

Acceptance (customer) carried out by:

Company name	
Signature	
Name	
Date (yy/mm/dd)	

Acceptance (end-user) carried out by:

Company name	
Signature	
Name	
Date (yy/mm/dd)	

Please record the readings of the individual cell voltage with 3 digits after the dot (ex: 1.413)