

# CDP acquisition for charge-discharge unit

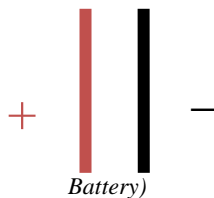
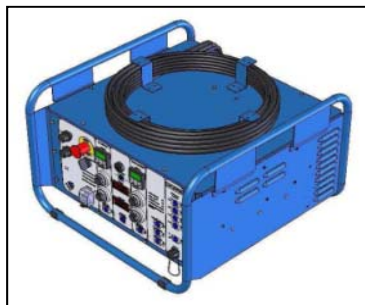
**Reference:** SEEL012562

## OPTION CDP ACQUISITION



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CDP (ENAG charge-discharge unit)



## Presentation :

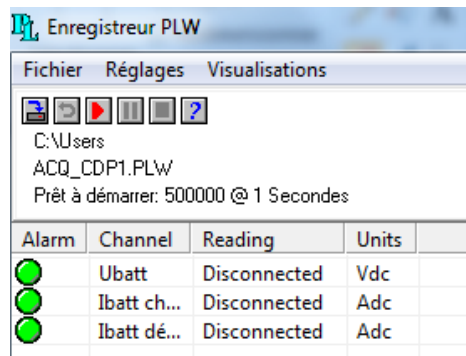
- Acquisition of batteries voltages and currents
- User friendly
- Data visualisation (curves, tables)



PC



### Graphic interface on PC



| Alarm | Channel     | Reading      | Units |
|-------|-------------|--------------|-------|
| ●     | Ubatt       | Disconnected | Vdc   |
| ●     | Ibatt ch... | Disconnected | Adc   |
| ●     | Ibatt dé... | Disconnected | Adc   |

## Main characteristics

### Input

Voltage : 230 Vac  $\pm$  15% - single-phase  
Frequency : 50 Hz  
Max. Input current : 0.5A

### Common control / Signalling

ON/OFF switch  
LED : in operation

### Parameters measured and displayed:

- For charge-discharge unit CDP 32V C80A-D50A:  
voltage 0 to 150V, current 0-80A
- For charge-discharge unit CDP 40V C60A-D50A:  
voltage 0 to 150V, current 0-80A
- For charge-discharge unit CDP 95V C30A-D26A:  
voltage 0 to 150V, current 0-40A
- For charge-discharge unit CDP 105V C30A-D23A:  
voltage 0 to 150V, current 0-40A

### Precision

Voltage:  $\pm$ 1%  
Current:  $\pm$ 1%

### Operation temperature

+0 to +45°C Operation for the set  
Relative humidity : up to 80% without  
condensation

### Storage temperature

0°C to + 70°C

### Protection

Input EMI filter  
Through fuses

### Standards

Security : EN 60950  
EMC : EN 50091-1 / 50091-2  
Marking CE

## Mechanical characteristics

### Dimensions

Width = 350mm / depth = 260mm /  
Height = 150mm  
Total weight : 4.5 Kg (with the cables)  
Protection index : IP 2X

### Connections

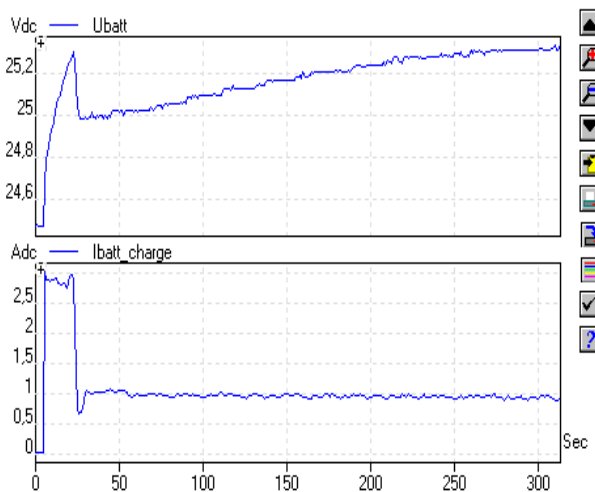
To the mains network using the 2m IEC cable  
supplied.  
To the charger-discharger unit using the 10m  
cable supplied.  
To the PC using the 2m USB cable supplied.

### Kit supplied:

Acquisition unit + cables + CD-Rom

## Data overview

### Curve



### Table

| Heure | Ubatt<br>[Vdc] | Ibatt charge<br>[Adc] | Ibatt décharge<br>[Adc] |
|-------|----------------|-----------------------|-------------------------|
| 0     | 24,469         | 0,020                 | 0,000                   |
| 1     | 24,478         | 0,020                 | 0,000                   |
| 2     | 24,469         | 0,020                 | 0,000                   |
| 3     | 24,469         | 0,015                 | 0,000                   |
| 4     | 24,469         | 0,020                 | 0,000                   |
| 5     | 24,469         | 0,020                 | 0,000                   |
| 6     | 24,661         | 3,028                 | 0,000                   |
| 7     | 24,789         | 2,876                 | 0,000                   |
| 8     | 24,844         | 2,891                 | 0,000                   |
| 9     | 24,890         | 2,862                 | 0,000                   |
| 10    | 24,927         | 2,877                 | 0,000                   |

The information contained in this leaflet is not of a contractual nature. ENAG reserves the right to amend the technical details of its products without advance notice. Please consult us before installing the units.

FC-CDP-ACQ-EN-A

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