



Security is not an option



The security power

Founded in 1991, ADEL system develops and manufactures industrial linear and switch-mode power supply units and it is recognized as one of the world top leading manufacturer of industrial power supplies, DC UPS and intelligent battery chargers.

The company has been steadily growing and quickly acquiring a strong reputation for its high quality standards and product reliability.

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Security Sector

ADELSysSystem is present in the Security Sector at a global level, thanks to its range of DC-UPS with integrated power supply. It guarantees a compact and reliable solution over time to safely feed various applications:

- Fire detection systems
- Smoke detection systems
- Signaling systems
- Video surveillance systems
- Access control systems
- Traffic monitoring systems



DC-UPS All In One



Power Supply

Battery Charger

DC-UPS
Back-Up
Module

DC-UPS – Main features

Two independent outputs

One for the load and one for battery recharging and testing.

Power Management System

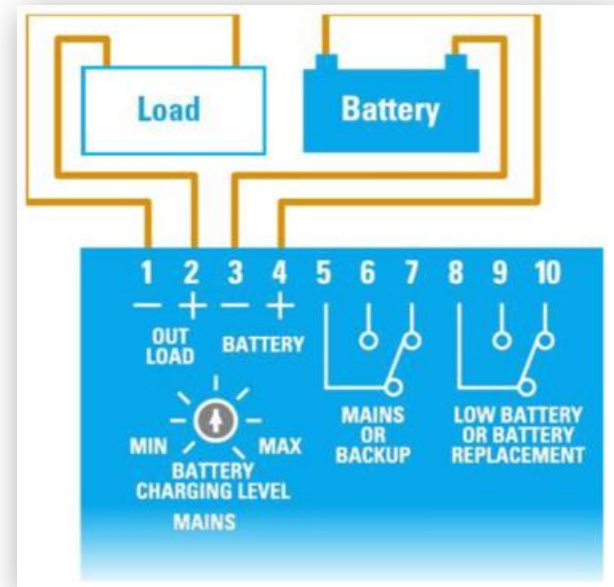
For automated power management between the two outputs.

Back-up module

In the event of a power failure, it guarantees power without interruption.

Power Boost

The power supply can double and triple the rated current for respectively 4 minutes and 4 seconds.



DC-UPS - Main features

All in one 12Vdc

NOME	INPUT	OUTPUT
CBI123A	115/230Vac	3A
CBI126A	115/230Vac	6A
CBI1210A	115/230Vac	10A
CBI1235A	115/230Vac	35A

All in one 24Vdc

NOME	INPUT	OUTPUT
CBI243A	115/230Vac	3A
CBI245A	115/230Vac	5A
CBI2410A	115/230Vac	10A
CBI2420A	115/230Vac	20A

All in one 48Vdc

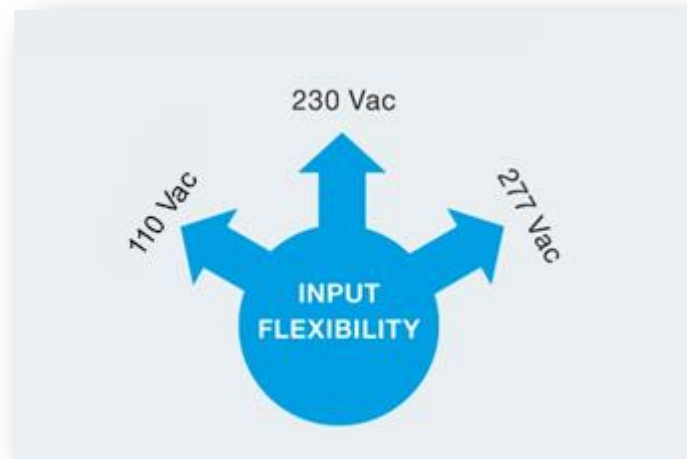
NOME	INPUT	OUTPUT
CBI485A	115/230Vac	5A
CBI4810A	115/230 Vac	10 A

All in one 12-24Vdc

NOME	INPUT	OUTPUT
CBI2801224A	115-230-277 Vac	280 W

Wide range

Wide Operating range
110 – 230 – 277 Vac



Battery recharger and testing


The standard solution offered on the market is the use of simple power supplies that do not manage the current supplied to the batteries, thus damaging them prematurely and reducing their life.

The DC-UPS offers the possibility to choose a specific charging curve for each type of battery to be connected.


They avoid complete battery discharge and therefore their permanent damaging.


Thanks to the Fast Charge function, they allow you to recharge your batteries safely and in less time.

JUMPER POSITIONS

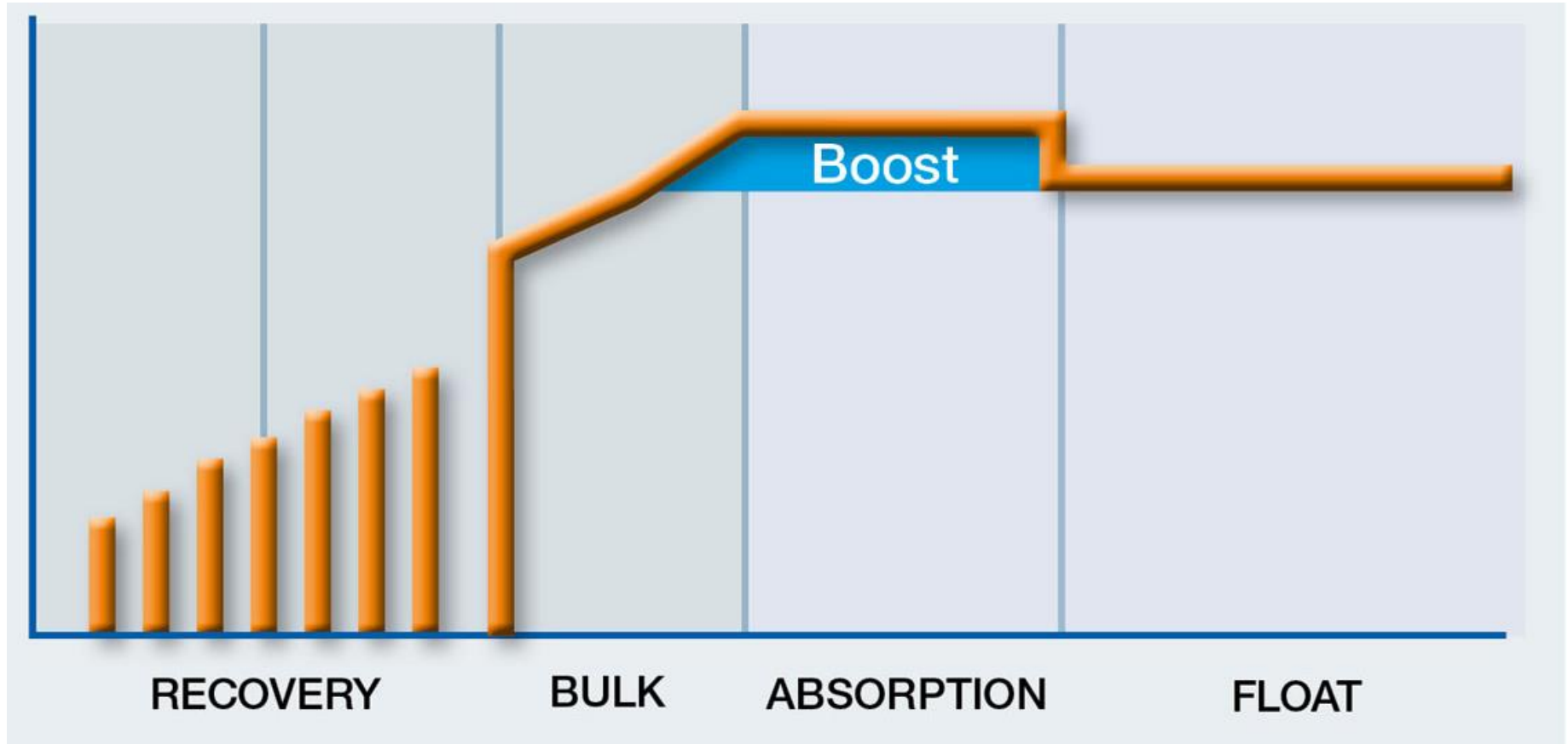
 **Open Lead Acid:**
Trickle 2.23V Boost 2.40V
(factory preset)

 **Sealed Lead Acid (1):**
Trickle 2.25 Boost 2.40V

 **AGM Sealed Lead Acid (2):**
Trickle 2.27 Boost 2.40V

 **Gel:**
Trickle 2.30V Boost 2.40V
Ni/Cd
Li-Ion

Recharging Curve



The rapid recovery of almost discharged batteries is guaranteed by the automatic multi-stage charging system (4 charging stages) and the real-time battery diagnostics (8 diagnostic tests).

SFP54.4

It's possible to develop your own power station.



The SFP54.4 panel, compliant with the EN54.4 standard, can accommodate our entire DC-UPS range and up to two 12V 18Ah batteries.

You can monitor and manage the remote station by using our DPY351 Panel Controller.



<https://www.youtube.com/watch?v=wYnvQod3Rr0>

Panel Controller DPY351



You can monitor and manage the station remotely by using our DPY351 Panel Controller.

- Monitoring
- Configuration
- Alarms
- Data Logging
- Event Logging
- Web Server

DPY351

**The
Panel
Controller**



<https://www.youtube.com/watch?v=OUpIRZnDoyU>

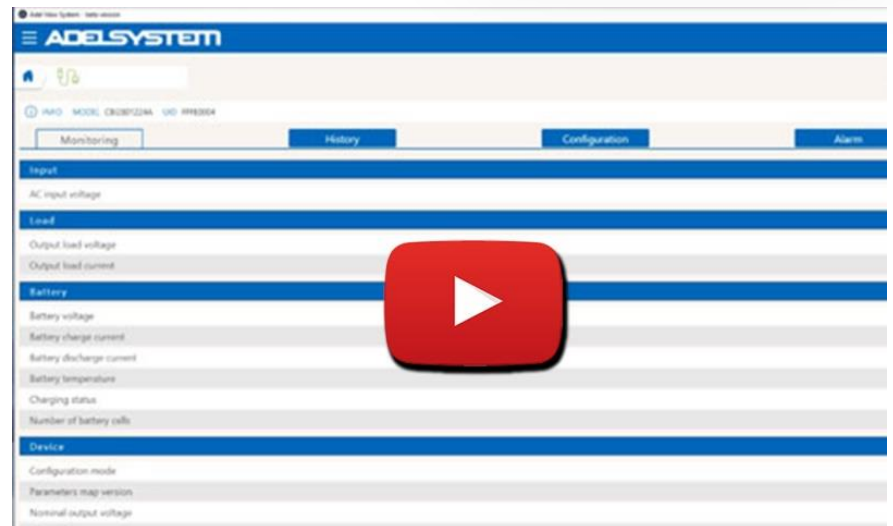
Connectivity

You can connect to the internal server of the DPY351 and manage and configure the power station via your PC.

In addition, the following communication protocols are available via the Ethernet output:

- SNMP
- Modbus TCP/IP
- Cloud MQTT
- HTTP Webserver

The screenshot displays the Adelsystem configuration web interface. At the top right is a 'Logout' button. The 'Account' section includes fields for 'User Name' (admin), 'Password' (*****), and 'Confirm Password' (*****), with a 'Show Password' link. The 'TCP/IP Configuration' section has a radio button for 'Dynamic (DHCP)' and a checked radio button for 'Static'. Under 'Static', there are input fields for 'Subnet IP' (192.168.1.100), 'Subnet Mask' (255.255.255.0), and 'Gateway' (192.168.1.1). Below these are 'HTTP Port' (80) and 'VLAN ID' (0). The 'MAC address' is displayed as 70:b3:d5:37:50:dc. The 'SNMP' section shows 'SNMP Version' as v2c, 'System Name' as 'Adelsystem', and 'System Description' as 'SNMP network of display unit'. There is also a 'System Location' field.



ADEL SYSTEM

make your system better



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