

## Innovation and multimediality

ADELSYSTEM continues to implement its offering of innovative and functional products as a company specialized in the electrical continuity fields for the DIN Rail application.

The wide range of available products is now involved in the Interconnection field through the ADELBUS protocol implemented in the main devices of our products range. Every new device developed comes with ADELBUS inside.

The Power Continuity devices are enhanced by Multimedia devices like Display and Software APPLICATIONS for the new way towards Industry 4.0. Another innovative solution has been developed by the ADELSYSTEM R&D team for the expert electrical designer and users who need to change their point of view in the search of innovation.

ADELBUS, ADELVIEWSYSTEM and ADELVIEWGRAPHIC are the connection elements to DC-Ups, Power Supply and Battery Charger to catch all of parameters inside the devices.

All of this, to involve you into a new evolution for today and next-future life.

**ADEL SYSTEM**  
*make your system better*



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**ADELSYSTEM**

## Product guide



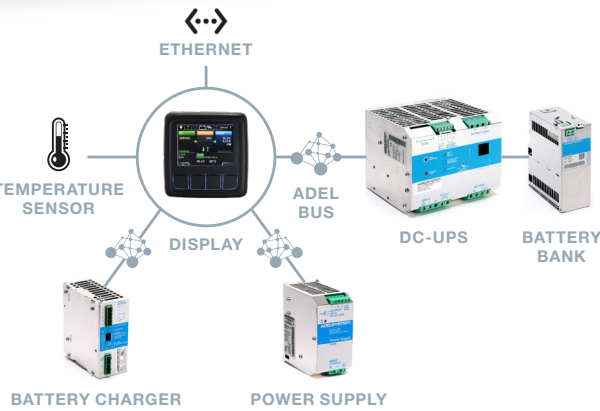
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Monitor & Control

The **DPY351 ADELViewgraphic** is a robust multifunctional display for managing ADELSYSTEM devices connected in an ADELBUS network. High-brightness and wide viewing-angle 3.5" TFT-LCD. The user interface is clear, intuitive and allows configuring and managing the connected devices in a quick and straightforward way. Using an on-board Ethernet interface, it is possible remote manage an ADELBUS network.



**ADELBUS**  
ADELSYSTEM Network manages all the connected devices in: Monitoring, Configuration, Alarms management, Events program, i.e. programmed actions that are coordinated among the devices.



**Multimediality**  
DPY351 allows managing an ADELBUS network through its Ethernet interface by remotely monitoring and managing the connected devices using SNMP and Modbus TCP protocols.



**Adel View System**  
Suite for remote monitoring and management devices connected in an Adel Bus network. Features: PC software; iOS and Android; Cloud platform; Advanced features for installation and demonstration purposes.



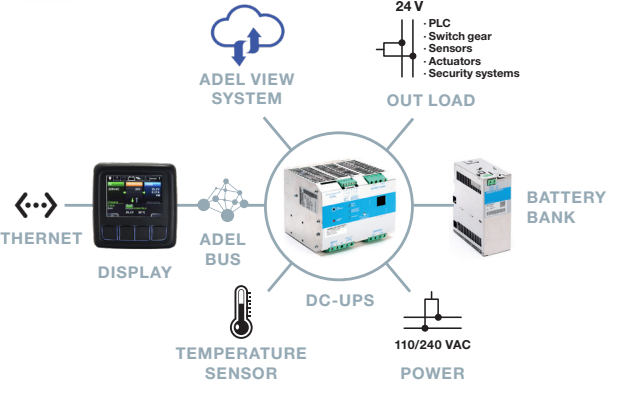
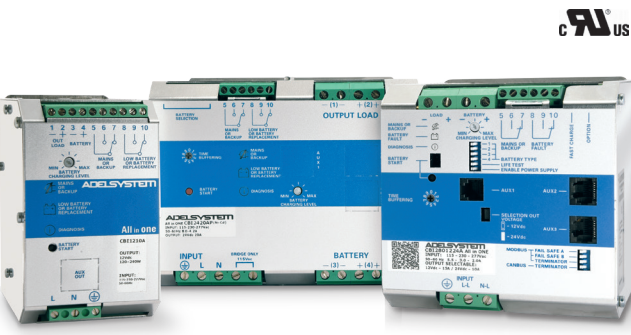
**Accessories**  
RJTemp temperature probe, DPY351 can measure environmental temperature and takes actions in relation to specified minimum and maximum values.



**Battery Monitor DPY352**  
Is a stand-alone Displayed Device, it allows to monitor the battery bank voltage and middle-point voltage bank, State of charge. Its Ethernet interface transmits all by Modbus TCP and SNMP protocols.

DC-Ups

DC Ups ADELSYSTEM are **All In One** products, they incorporate: Power Supply, Back Up - Battery Charger module and Power Management Module. Power Management Module "PMM" is an automatic power sharing across



**DC Ups 24Vdc Output**  
Wide range size product. ADELBUS connections for type: CBI2801224A, CBI2420A; DC output: from 60 to 500 W.



**DC Ups 12Vdc Output**  
Wide range size products. ADELBUS connections, type: CBI2801224A, CBI1235A; DC output: from 36 to 500 W.



**Battery Bank 12 V**  
For DC-UPS 12Vdc. Lead AGM, VRLA batteries. Robust Case Wall mount. Protection degree IP20. Three size battery type: 3.4; 7; 12 Ah.



**Battery Bank 24 V**  
For DC-UPS 24 Vdc. VRLA battery. Robust case INOX steel. Less space on Din Rail. Wall Mount or DIN Rail. Four size batteries type: 1.2; 3.4; 7; 12 Ah.



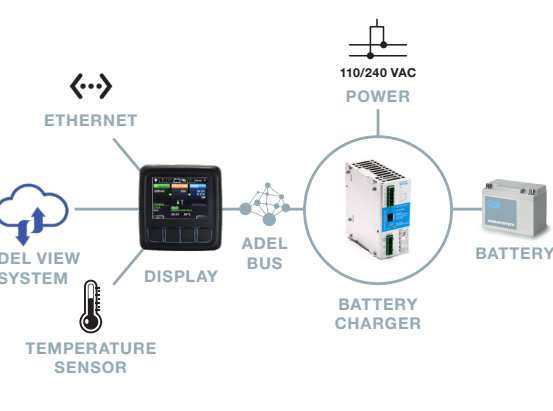
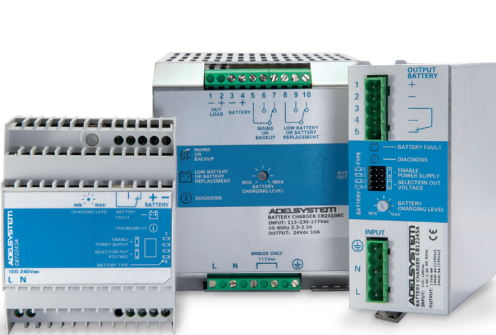
**SFP**  
Fire prevention System, in conformity to EN54.4. The panel has to be completed to integrate inside DC Ups and Battery. All ADELSYSTEM DC Ups types, battery size: 3, 7, 12, 18 Ah.



**DC Ups 48Vdc Output**  
Two device for industrial and telecom applications. Adel Bus connections, type: CBI4810A; DC output: from 240 to 500 W.

Charge & Testing

Battery Charger, Switching Technology and **Battery Care** philosophy. It is based on algorithms for Charging and testing the battery, rapid and automatic charging, battery charge optimization during time, flat batteries recovery and real-time diagnostic to detect the sulphated battery, elements in short circuit, accidental reverse polarity connection, disconnection of the battery. Thanks **ADELBUS** you can connect your device through protocol J1939. AC input: single-phase 115/230/277 Vac.



**CB12Vdc**  
Wide products range, for application in Industrial, GenSet, Fire prevention System. ADELBUS connections J1939 for model type: CB12245AJ. DC output: from 36 to 500 W.



**Can J1939**  
Today, thanks "ADELBUS" of ADELSYSTEM you can connect your device through protocol J1939. CB12245AJ.



**CB24Vdc**  
Wide products range, for application in industrial, GenSet, Fire prevention System. Two battery connected. ADELBUS connections J1939, model type: CB12245AJ. DC output: from 36 to 500 W.



**Special Battery Chargers**  
For not conventional Lead Acid Batteries series, we propose two particular devices 100 W: CB363A: 36 Vdc; 18 Cell; CB304A: 30 Vdc; 15 Cell.



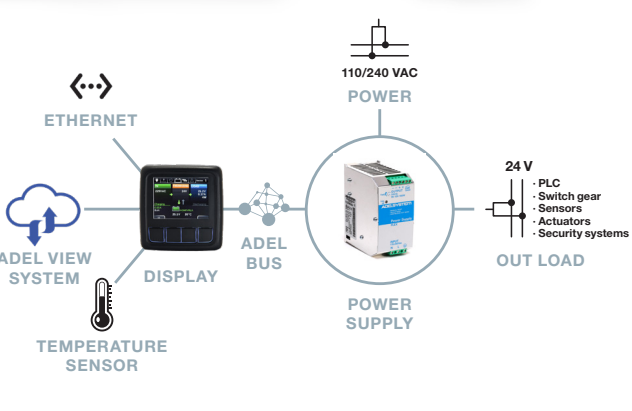
**One for All Field**  
CB1224 line, suitable products for the economy of your warehouse, before install you decide the field of application, 12 or 24V. CB12245A (100W): 12V6A/24V5A CB122410A (240W): 12V15A/24V10A.



**DPY 353**  
Display panel mount 22 mm. Simple and sturdy, it displays the current charge mode, state of charge and system diagnostics at a glance.

Power Supply

High-performance power supplies, they meet different range of field, Industrial such as machine building and building automation, shipbuilding or process technology, Oil and Gas. Power Boost technology 1.5 nominal power. One product Input 230/400/500 Vac. Low Input Voltage 24 Vac. Different performing in Over Load and Short Circuit. **ADELBUS** connection for Configuration and Monitoring.



**PFAL Line**  
From 24 Vac secondary transformer. Adjustable output. Input: 24Vac, 48Vdc; Power 50 to 360 W; Out Voltage: 12, 24 VDC; PFALVP3: Adjustable Output from 2 - 24Vdc, 2A max.



**Flex Line**  
FLEX extremely robust are perfect for use in machine building. Power Boost, reaches 50% of In. FLEXxx24B input: 230-400-500Vac. DC output: Power up to 1000 W. Output Voltage: 5, 12, 24, 48 V DC.



**DFlex Line**  
For building and Industrial, flat panel. The low idling losses, maximum efficiency, 100 W in only 72 mm. AC or DC input: 110-230 Vac; DC output: from 15 to 100 W; Output Voltage: 12, 24 VDC.



**SUP Step Up**  
To Step Up input main voltage Dc to Dc in Power Not Isolated. Input 12Vac, 24 Vdc. Out: 60 to 300 W; Out Voltage: 24, 48, 60 VDC.



**SW Line**  
From 24 Vac secondary transformer. Input: 24Vac, 48Vdc; Power from 30 to 100 W; Fixed Output: 5, 10, 12, 24 VDC.



**MH22U**  
Decoupling Diode for redundant applications or decoupling power sources. Input-Output: 10-60 Vdc; Current: 0-25 A. DIN Rail Mountable.