Monitor, Configure, Connect

The **DPY351** is a robust and versatile multifunction display that allows monitoring, configuring and managing the ADELSystem devices connected in an ADELBus network.

- It is equipped with a high-brightness and wide viewing-angle 3.5'' TFT screen which guarantees an optimum visibility in any operating condition.
- Intuitive Human-Machine Interface (HMI) is a user interface or dashboard clear and intuitive
- Ethernet interface inside, allows to configure and managing true ADELBus the devices connected through its, by using the SNMP and Modbus TCP protocols.
- It is possible to connect several devices in chain together, up to 50.

Monitoring
It is possible the monitoring of the input and output data, peak current, peak voltage, all the battery parameters such as temperature, State of Charge internal Impendency

Configuration
With the DPY351, it is possible to modify the parameters of any ADELsystem device connected: DC Ups, Power Supply and Battery Charger.

Alarms management
All the alarms present on the single device are immediately reported.

History
The history parameters are recorded inside each device. The DPY351 allows inspecting all the historical parameters of each single device.

Logging
The device memorize and display the last 20 action done.

Web Server
It is possible configure and drive the device by Own Server

Event
Actions that are coordinated among the devices connected can be programmed, thus automating the system.

So many way to use and apply it

Monitor and Control

To monitor all the parameters of installed devices in the panel

Comunication

Essential to transfer all parameters remotely via Ethernet connection

All in One

It includes 2 Input 1 Output and a temperature sensor that allows sensor management in small environments. All in one: Display, Hub, PLC
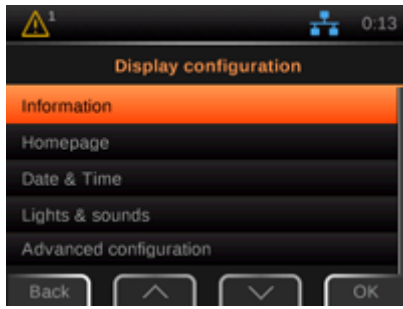
Inside

The heart of the easy-to-assemble system is a 90mm hole for all types of surfaces, designed for heavy-duty use in a robust IP67, which allows you to manage multiple units by monitoring, configuring, storing and connecting remotely. A unique device, the first that allows all the functions to be enclosed inside for maximum performance at the highest levels of ADELSystem devices.

Display parameters as you prefer

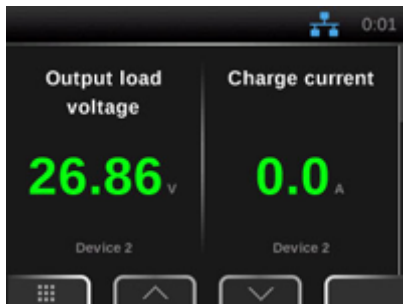Display Configuration

Display Configuration "Homepage"
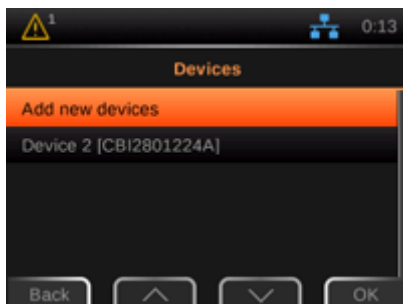

Customize Dashboard

Customize "Six Values"

Customize "Two Values"

Customize "Single Value"

Add new device

Notification Alarm

Gateway and Protocols

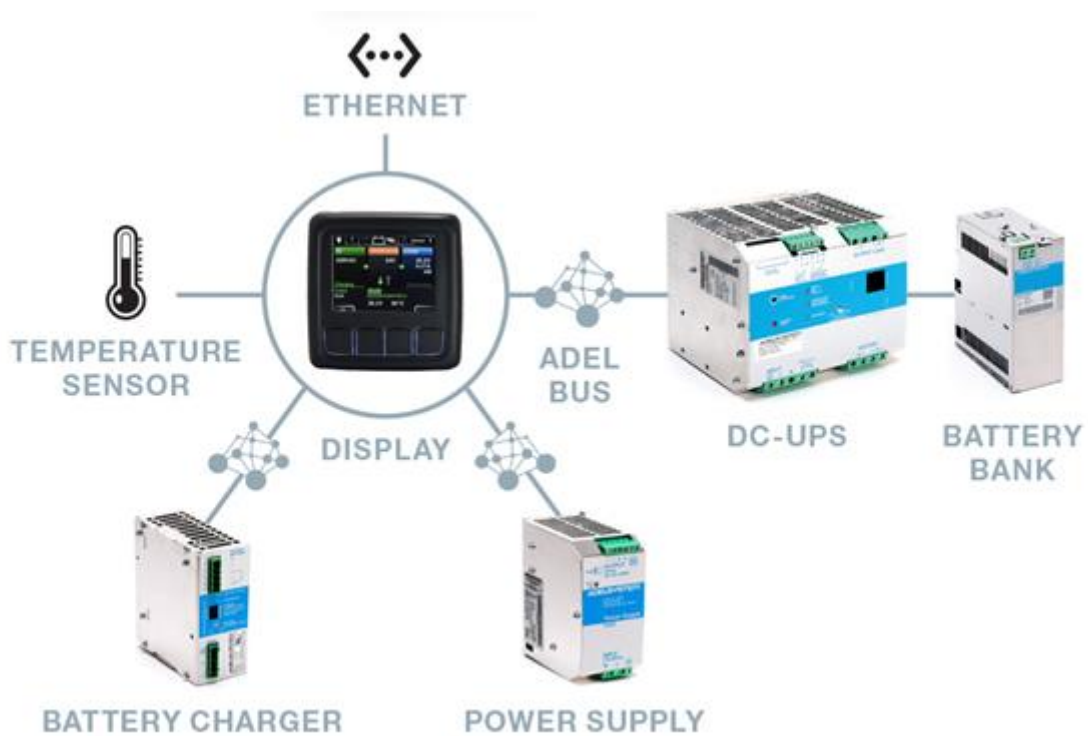**Web Server HTTP** for Configuration and Driver the device by Ethernet; static or Dynamic IP

Modbus TCP/IP Configuration TCP/IP Configuration group of parameter default values. They allow unique identification of the unit in the network.

SNMP v2c An ADELsystem MIB table is provided which consists of a list of parameters of the connected power device that can be remotely read, or read-written through the SNMP. Each parameter, (OID), is mapped one-to-one to a Modbus RTU holding register.

MQTT communication allows the DPY351 to connect to the ADELView System Cloud for the remote monitoring of the power devices connected to the DPY using Modbus or CANbus

Connection & Control

DPY351 was developed to connect to all the new devices developed by ADELSystem. Through ADELBus (CANBus and ModBus) it is possible to establish the connection of configuration, reading, evolution of the device data. Through the DPY351 it is possible to create Events, they are the result of an algorithm established by the DPY351 among the various interconnected devices.

Interactive functions

Opens the head to ADELSystem devices. View, control, integrate PLC functions and transmit all system functions via Ethernet. Compact, UserFrendly, high performance, it's the device you never thought, but now that it's there and you will not be able to do without it.

MAIN FEATURES
- Monitoring
- Configuring
- Alarm
- Logging
- Events

PROTOCOL
- MQTT
- SAE J1939
- MODBUS
- SNMP

GATEWAY
- IIOT
- CANBUS
- WebServer
- USB