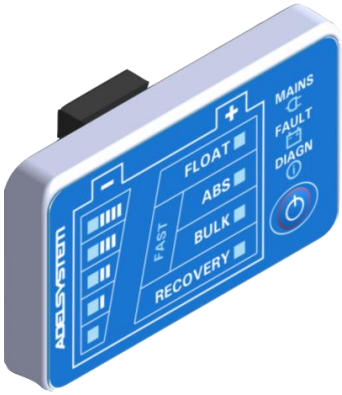
DPY353



Monitoring: State of charge, Charge Conditions, Charging Current

Alarm: Back Up, Fail system, Fail Battery

Diagnosis condition

Charge Conditions: Recovery, Bulk, Absorption, Float, Boost

Push Button for:

Start CBI from Battery"

Select Charging Current Battery,

Select State Off Charge

Acoustic Information

Push Button for:

- **Start CBI from Battery"**
- **Select Charging Current Battery,**
- **Select State Off Charge**

Simple and intuitive user interface

Low power: <10 mA/

IP65

Wall Mount

General

The DPY353 is a robust and versatile multifunction display that allows monitoring the state of Adel System devices connected in an ADELBus network. It is equipped with LED wide viewing-angle screen which guarantees an optimum visibility in any operating condition. The user interface is clear, intuitive and allows configuring and managing ADELBus network through its interface by remotely monitoring connected devices. It is possible to connect easily and directly to CBI's devices. The device can monitoring: the state of charge, the battery capacity and the alarms. True Push button switch, it is possible turn On the CBI without Input main but only battery.

Feature

Through the ADELBus network (Adel System network) it manages all the connected devices:

Monitoring

It is possible to monitoring the:

- Charging states of the CBI device
- Mains or Backup CBI condition
- Fail Alarm
- Diagnostic function
- State of Charge Battery (SOC)
- Charging Current

Technical Data

Input Data

DC Input Voltage range (Vdc)	**9-72**
Power from:	**Aux1**
External Recommended Fuse	**3 to 10 A max**
Current consumption ON typ.	**0.03A (24VDC)** **0.01A (12VDC)**
Maximum current consumption with backlight 100%	**0.05A (9VDC,)**

User Interface

Display Screen

Type	**LED**

Controls

Keyboard	**1 tactile button**

Data Connection

Aux1: Input – Output	**RJ 45**

Ambient Conditions

Ambient Temperature operation	**-25 up to +70 °C**
Ambient Temperature Storage	**-40 up to +85 °C**
Humidity at 25 °C, no condensation	**95 % to 25 °C (acc. to IEC 60721)**
Vibration (operation) IEC 60068-2-6	**<15 Hz, amplitude ± 2.5mm** **<15Hz-150Hz, 2.3G 90 min.**
Shock IEC 60068-2-6	**30g in all directions**
Altitude: 0 to 2 000m - 6560 to 20 000ft	

General Data

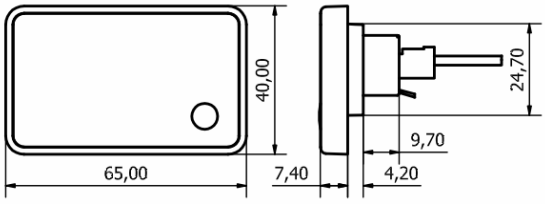
Protection Class (EN/IEC 60529)	**Front panel only IP65; Rear IP32**
Reliability: MTBF IEC 61709	**> 700.000 h (Automatically Switch Off Beck Light after 30 sec)**
Protection class	**III**
Housing material	**Polycarbonate**
Dimension (w-h-d) mm	**65 x 40 x 7**
Weight	**0.1 kg approx.**
Hole	**28 mm**

Immunity and Emission

The CE mark in conformity to EMC 2014/30/EU: Electromagnetic Compatibility Directive; 2014/35/EU: Low Voltage Directive; ROHS 2011/65/EU: Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS), as amended by 2015/863/EU

- EMC Immunity: EN61000-6-2
- EMC Emission: EN61000-6-3

Electrical Safety for mounting

According to:

- Electrical Equipment for Machinery EN 60204
- Electrical safety (of information technology equipment) IEC/EN EN62368-1.
- Safety requirements for electrical equipment for measurement, control and Laboratory use IEC/EN 61010