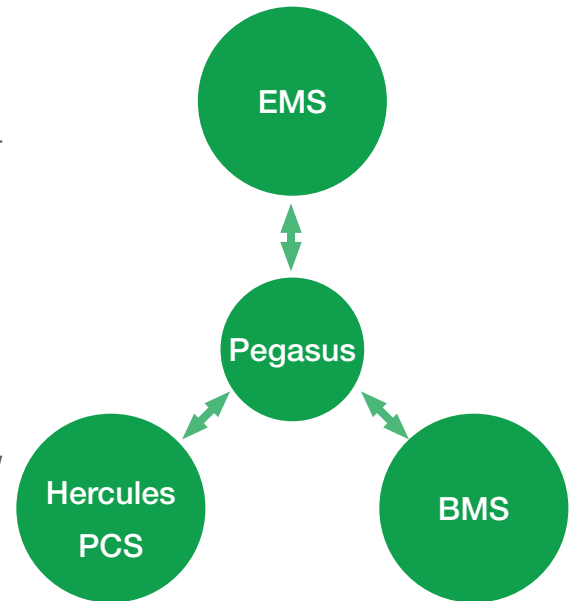




Controller and Monitoring Hub for Hercules Modular PCS

Description

- System monitoring solution for Hercules PCS systems
- Monitoring data from system level to module level
- Includes battery management with temperature compensation, manual or programmed test & boost mode and data logging (only with lead-acid batteries)
- Compatibility available with external BMS for lithium-ion batteries
- Compatibility available with external EMS
- Support multiple protocols like CAN, Modbus and SNMP
- Highly configurable alarms, digital inputs and relays mapping
- Ethernet connections for LAN connectivity, maintenance and service
- Web based user interface accessible locally through 7" touchscreen or remotely from web browser
- Extended memory for log file and data logging related to battery
- Easy to update from remote location (user interface) or locally (USB)
- Basic and Expert user level access



Applications

Supported Protocols

- Modbus RTU on RS485
- SNMP v1
- SNMP v2c and v3 (only if optional 7" display is used)
- CAN

Environmental

- Temperature:
 - Ambient: -10°C to 40°C
 - Storage: -40°C to 70°C
- Humidity: 95% non condensing

Logs

- FIFO event log up to 1000 events
- Battery data logging (Boost charge, Test, Discharge)

System interfaces

Pegasus main unit

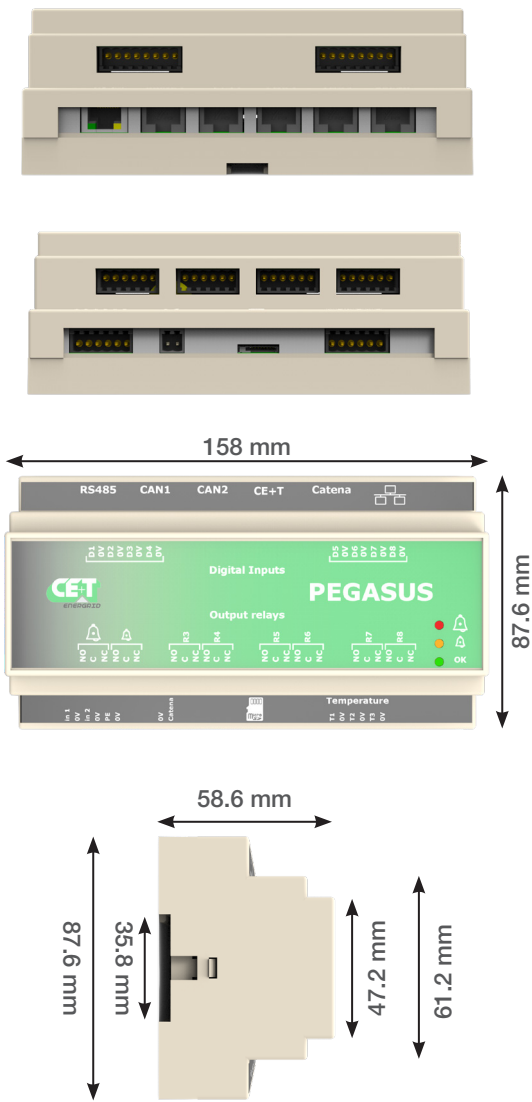
- 8 output relays (Major, Minor, 6 user programmable)
- 8 digital inputs
- ETH connection
- 2 x Temperature sensors for batteries
- 3 status LED (Major, Minor, OK)
- Din Rail Mounting
- Redundant 12V power supply

Optional 7" display unit

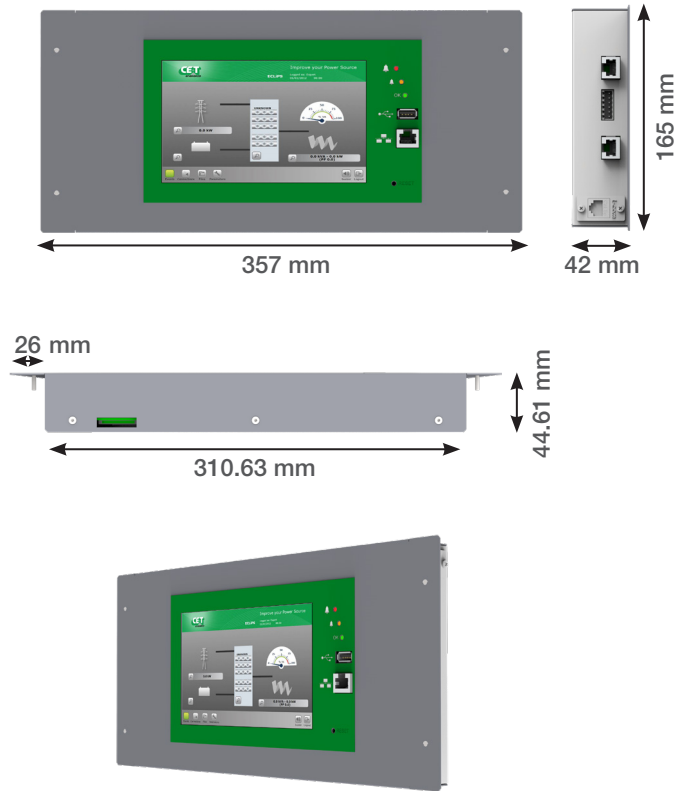
- 7" LCD capacitive touchscreen
- 3 status LED (Major, Minor, OK)
- 1 x front USB
- 1 x front Ethernet + 1 x rear Ethernet (not coupled)
- Rack or panel mounting
- Redundant 12V power supply

Illustrations are non-binding and may include customized fittings.

**Pegasus main unit
(0.408 kg)**



**Panel mounted 7" display unit
(1.62 kg)**



**Rack mounted 7" display unit
(2.845 kg)**

