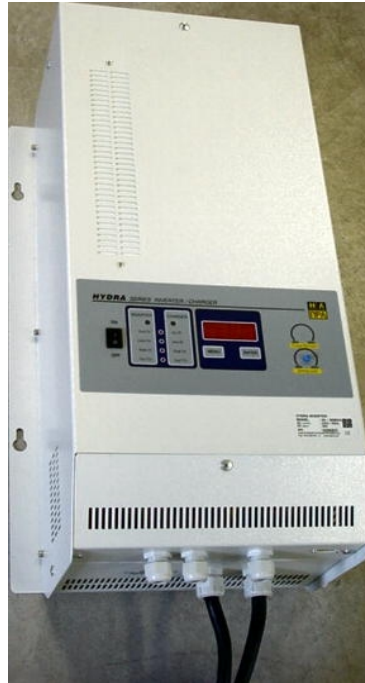


HYDRA

INVERTERS CHARGERS

elpra sa

power electronics



HYDRA series inverters are bi-directional multi-source power devices. They deliver clean AC power from dc sources.

They are designed to provide all the necessary functions and utilities, which offer a fully automated user friendly and care free operation.

ELPRA SA

INDUSTRIAL AREA OF THERMI

PO BOX 355 THERMI 57001

THESSALONIKI GREECE

TEL NO +30 2 310 464 022

FAX NO +30 2 310 464 607

www.elpra.com

HYDRA

INVERTERS CHARGERS

elpra sa

power electronics

Features:

- Microprocessor based design with alphanumeric led display for full monitoring and control of the Hydra power box.
- Independent and automated built-in 3-stage charger according to IUoU DIN41772 specifications keeps batteries charged and healthy. Adjustable max charging current to suit every battery capacity. Temperature compensated full battery voltage threshold assures optimal four seasons operation. Monitoring of the charging state, of the Ah sent to or drawn from the batteries, of the actual battery voltage and temperature, of the expected autonomy duration in hours.
- Free contact to start power generator on low battery voltage with generator voltage monitor and automated preprogrammed retries.
- Automated and synchronized power relay to switch over the load between the generator and the inverter by continuous analysis of the AC voltage quality and frequency.
- Built – in solar or wind generator charge controller.
- High efficiency, high power inverter delivers true RMS stabilized, modified sinewave AC power to practically any load.
- Extremely low idle current ensures high total efficiency even at low loads. Scanning mode with adjustable starting load consumes negligible current and automates the function of the inverter.
- Monitoring of the inverter true RMS AC output voltage, of the percentage of the load, of the battery voltage, of the Ah consumed, of the power module and of the power transformer temperatures.
- Visual and selectable audible early warning alarms signaling undesirable trends or situations.
- Error situation signaling and intelligent automated timed retrials, automatically adapted to any specific situation.
- Two years limited guarantee

ELPRA SA

INDUSTRIAL AREA OF THERMI

PO BOX 355 THERMI 57001

THESSALONIKI GREECE

TEL NO +30 2 310 464 022

FAX NO +30 2 310 464 607

www.elpra.com