

# AUTOMATIC TRANSFER UNIT

## EAS 170 - 805

- Microprocessor based control unit
- 3-phase mains and generator monitoring
- 3-phase mains current control and display
- Power supply control and display
- Automatic battery charge 2A
- Programmable from front panel
- Setup protected by access code
- Alarms for engine and generator
- Built in transfer switches
- Automatic test at preset intervals
- Programmable maintenance intervals
- Emergency stop button
- Operating temperature -20°C ÷ +60°C



### Standard equipment



- Connection cable to generating set l= 10m
- Emergency stop button
- Warning siren

- Fuses
- Heater kit

### TECHINICAL DATA

### EAS 170 - 805

Power max (AC1) Y 400V	170 kVA
Power max (AC1) Y 230V	100 kVA
Power max (AC1) I 230V	92 kVA
Max Current (AC1)	250A
Protection	IP 54
Dimensions wxdxh (mm)	1200 x 600 x 365
Weight	65 Kg
V aux	12 V c.c.
Min and Max temperature	- 20°C ÷ + 60°C

### SIGNALS-READINGS-CONTROLS-ALARMS

#### LED SIGNALS

- LED Engine running active alarms
- V MAINS V GEN for mains or generator indication (voltage and frequency)
- LED presence of mains and/or generator voltage.
- LED mains or generator change over
- ALARM alarm indication
- L1, L2, L3 phase voltage indication
- LED selected measure indication:
  - Hz mains and generator indication
  - A current
  - kVA power
  - V.batt. battery voltage
  - Hour hourcounter
  - Maint hours before the next maintenance
- LED TEST MAN AUT RESET indication of selected reading
- LED TEST ⌚ (yellow) Automatic test activation symbol

#### KEY FUNCTIONS

- TEST MAN AUT RESET Keys for operating mode selection
- START STOP Manual engine start and stop
- TEST ⌚ Automatic test activation/deactivation
- MEAS Displayed measure selection.
- PHASE Measured phase selection (voltage and current)

#### ALARMS

**Alarms codes indication with descriptions for 40 different cases like:**

- High temperature
- Low oil pressure
- Pressure sensor failure
- Low fuel level
- High/low battery voltage
- Battery charger failure
- Starting failure
- Unexpected shut-down
- Low/high frequency of generator
- High/low voltage of generator
- Generator asymmetry
- Wrong phase sequence mains and generator.

**Values shown are nominal values. For further information please contact the sales department.**