

RECTIFIER / CHARGER (MODEL CH2410)

ONE PHASE (24VDC -10ADC)

GENERAL SPECIFICATIONS

AC INPUT

| | |
|--------------|------------------------|
| LINE VOLTAGE | V \pm 10% 220 |
| FREQUENCY | 50Hz \pm 4% |
| CURRENT | 2.5A |
| POWER FACTOR | 0.8 < |

DC OUTPUT

| | |
|-------------------------|--|
| NOMINAL VOLTAGE | 24V |
| NOMINAL CURRENT | 10A |
| LINE & LOAD REGULATION | BETTER THAN 1% |
| RIPPLE WITHOUT BATTERY | 1% > |
| WEIGHTED NOISE | mV 2 |
| CHARGING CHARACTERISTIC | DIN 41773 |
| CHARGING MODES | FLOAT — BOOST — INITIAL — AUTO & MANUAL — |
| EFFICIENCY | 90% < |

OTHER DATA

| | |
|--------------------------|-------------------------|
| PROTECTION | IP20 |
| RADIO INTERFERENCE GRADE | VDE 0875 |
| COOLING METHOD | NATURAL AIR CIRCULATION |
| BLOCKING DIODE | YES |
| PARALLEL OPERATION | UP TO 5 UNIT |

PROTECTIONS AND ALARMS

| |
|--------------------------|
| AC OVER VOLTAGE |
| DC OVER & UNDER VOLTAGE |
| CURRENT LIMIT |
| BATTERY REVERSE POLARITY |
| SHORT CIRCUIT |
| FUSE ON AC , BATTERY |
| BLOCKING DIODE |

PARDIS ENERGY CONVERSION CO

INDICATORS

| | |
|-----------------------|---------------------------------|
| DC VOLTAGE | 40Vdc CLASS 1.5 ON FRONT PANEL |
| DC CURRENT | 30A dc CLASS 1.5 ON FRONT PANEL |
| CHARGING MODES | LED ON FRONT PANEL |
| AC HIGH VOLTAGE | LED |
| DC HIGH & LOW VOLTAGE | LED ON FRONT PANEL |

AMBIENT CONDITIONS

| | |
|-------------|-------------------------------------|
| TEMPERATURE | TO +52 °C 5 - |
| ALTITUDE | MAX. 2000m (6000FT) ABOVE SEA LEVEL |
| HUMIDITY | MAX. 90% |

DIMENSIONS & WEIGHT

| | |
|------------------------|---------------------------|
| DIMENSIONS (W × H × D) | mm 450 × 178 × 480 |
| WEIGHT | APPRX. 25kg |

COLOR

| | |
|------|---------|
| GREY | RAL9002 |
|------|---------|