

# RECTIFIER / CHARGER (MODEL CH2430)

## ONE PHASE (24VDC -30ADC)

### GENERAL SPECIFICATIONS

#### AC INPUT

LINE VOLTAGE	V $\pm$ 10% <b>230</b>
FREQUENCY	50Hz $\pm$ 4%
CURRENT	6.5A
POWER FACTOR	<b>0.8</b> <

#### DC OUTPUT

NOMINAL VOLTAGE	24V
NOMINAL CURRENT	30A
LINE & LOAD REGULATION	BETTER THAN 1%
RIPPLE WITHOUT BATTERY	<b>1%</b> >
WEIGHTED NOISE	mV <b>2</b>
CHARGING CHARACTERISTIC	DIN 41773
CHARGING MODES	FLOAT — BOOST — INITIAL — AUTO & MANUAL —
EFFICIENCY	<b>90%</b> <

#### 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	40A 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 <b>5 -</b>
ALTITUDE	MAX. 2000m (6000FT) ABOVE SEA LEVEL
HUMIDITY	MAX. 90%

**DIMENSIONS & WEIGHT**

DIMENSIONS (W × H × D)	mm <b>800 × 350 × 500</b>
WEIGHT	APPRX. 60kg

**COLOR**

GREY	RAL7035
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