

RECTIFIER / CHARGER (MODEL CH2450)

ONE PHASE (24VDC -50ADC)

GENERAL SPECIFICATIONS

AC INPUT

LINE VOLTAGE	V \pm 10% 230
FREQUENCY	50Hz \pm 4%
CURRENT	12A
POWER FACTOR	0.8<

DC OUTPUT

NOMINAL VOLTAGE	24V ADJUSTABLE 0-30VDC
NOMINAL CURRENT	50A ADJUSTABLE 0-50ADC
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	100Adc 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 800 × 350 × 500
WEIGHT	APPRX. 85kg

COLOR

GREY	RAL7035
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