

RECTIFIER MODULE MODEL DY 2000E (48V/ 33.3A)



ELECTRICAL SPECIFICATIONS

INPUT SPECIFICATIONS

Nominal Voltage	230 VAC, 50 Hz 1 ϕ
Voltage Range	150 - 275 VAC
Frequency	47 – 53 Hz
Input Current	13A RMS
Power Factor	0.98 (TYP)
Efficiency	90 % (TYP)
Dielectric Strength	1.5KV AC (I/P to O/P & Case)

OUTPUT SPECIFICATIONS

Output Voltage	+54V DC
Output Adjustment Range	48V – 56V
Output Current	33 A
Output Current Limit	34A Max
Power	1800 Watts
Net Regulation	$\pm 0.5V$
Ripple	< 300mV p-p
Psophometric Noise	< 4 mV RMS
Audible Noise	< 50dBA

SPECIAL FEATURES

- ❖ Remote ON – OFF
- ❖ Active Current Sharing for parallel operation
- ❖ Hot plug – In
- ❖ Over Voltage Protection: 102% Max of Output
- ❖ Over Load Protection: Fold back type
- ❖ Short Circuit Protection: Provided with Auto Recovery
- ❖ Over Temperature Shutdown: $\leq 90^{\circ}C$

FUNCTIONAL LED'S

AC ON	Over Temperature
DC ON	Over Load
Over Voltage	

MONITORING SOCKET FOR O/P

VOLT : Direct Measurement
AMPS : (0.1V= 10A)

MECHANICAL

Dimensions	260 (H) x 106 (W) x 330 (D) mm
Weight	7.5 Kg
Input Connector	3 pin Mate-n-lok Plug
Output Connector	15 pin Mate-n-Lok Plug
Enclosure	IP20, CRC Sheet Powder Coated 19" Sub Rack Mounting

ENVIRONMENT & SAFETY

Operating Temp	0 ° C to +50 ° C
Cooling	Convection
Operating Humidity	5% to 95% RH Non Condensing
Storage Temperature	-10°C to +70°C
Safety	Designed to meet IEC 60950
EMI/ EMC	Designed to meet CISPR22 Class A/ IEC 61000- 4

Specification No - RECT/ DY 2000E – (Rev. 0)

*Specifications may or can be altered without notice as per company's continuous improvement Program.