



Unit 111, Dunston Innovation Centre
 Chesterfield, S41 8NG, U.K.
 T e l : + 44 (0) 1246 452909
 F a x : + 44 (0) 1246 452942
 W e b : w w w . e t p s . c o . u k
 E m a i l : s a l e s @ e t p s . c o . u k
 S a l e s : 0 8 0 0 6 1 2 9 5 7 5

UPSM-600-48-48

UPS Module

Description

The UPSM-600-48-48 module has been designed for the 48V variant of the REC-2400-230 system. When the REC-2400-230 is used without battery back up but the application demands either a controlled shut down after losing the AC input or the AC input is of poor quality then the UPSM-600-48-48 module can provide 48Vdc 600W for up to 6 seconds. A hold up time of 6 seconds will cover the majority of AC line interruptions / brown outs and provide sufficient time for an off-line generator to switch in should the AC line be lost for an extended period.



- 12 year maintenance free operation
- Wide operating temperature range
- Recharge time 2 mins max
- 6 secs hold up
- 48VDC 600W

Technical Data

General

Electrical Safety	EN60950, VDE 0805
Isolation	0.5kVDC to case

Input

Input Voltage Nominal	48VDC
Voltage Range	38 -72VDC
Power Consumption After Charging	<0.1A

Output

Output Voltage Nominal	48VDC
Voltage Stability	±5%
Maximum Output Power	600W



sales@etps.co.uk
0800 612 95 75

UPSM-600-48-48

UPS Module

Technical Data (continued)

Bypass Data

Hold up Time	6 seconds a full load
Maximum Charging Time	2 minutes
Response Time	Uninterruptible

Environmental Conditions

Operating temperature	-25° C to +60° C
Relative Air Humidity	0% to 100% relative humidity, start-up after drying

Signals

LED Green	EBL ok
LED Red	Failure
Alarms	Monitor and adjust via the monitoring software of the REC-2400-230 system

EMC

Emission	EN 55022, class B
Immunity	EN 55024, EN 61000-6-2 (Industrial Areas)

Mechanical Data

Case Material	Sheet steel, zinc-plated
Dimensions	19" x 3U x 217mm (W x H x D)
Weight	Approx. 1.3kg
Protection	IP20 (EN 60529)
Cooling	Forced cooling via module rack
Connectors	Rear side

Connection Terminals

In-/Output: -X1	H15 connector, for insertion into module rack
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Other

Reliability	12 years maintenance-free
Warranty	24 months

Separate Datasheet available for REC-2400-230 System

Every effort is made to ensure that the information provided within this technical summary is accurate. However, ET must reserve the right to make changes to the published specifications without prior notice. Where certain operating parameters are critical for your application we advise that they be confirmed at the time of order. ET specialises in modifying its proven platforms to suit your needs. Please contact our office if your requirement is non-standard. The photograph illustrates a modified EAC with timer functions. Your chosen unit may differ from that shown.