

# RENTAL

## EAC-MT

### SINGLE PHASE MOTOR DRIVEN AC SOURCE



POSITIVE PROBLEM SOLVING **+ =**

The EAC-MT is a rack mounting AC source based on a motor driven transformer with galvanic isolation. The output voltage is programmable with a speed of 100V/sec.

The regulation and adjustment accuracy is 1.5%. A number of computer interfaces are provided. These include IEEE488.2, RS-232, RS-485, ethernet & USB. For users looking for analogue control, a user selectable 0-5Vdc or 0-10Vdc interface is provided. Where the output frequency is required to be the same as the input frequency the EAC-MT is a cost effective and technically excellent solution.

- + Analogue Interface
- + Choice of Computer Interfaces
- + Simple Front Panel Operation
- + Fast Setting Speed

# EAC-MT

## SINGLE PHASE MOTOR DRIVEN AC SOURCE



### SELECTION TABLE

Part Number	Max Power	Output Voltage	Output Current	Dimensions [ W × H × D]
EAC-MT 3005-r	1500VA	0 - 300VAC	0 - 5A	19" × 4U × 440mm

### TECHNICAL DATA

GENERAL	
Input Voltage	230VAC ± 10%
Input Frequency	47 - 63Hz
Isolation	3750 VAC
Digital Display for Voltage & Current	3 ½ digit
Load Regulation	<1.5%
Line Regulation	<1.5%
Response Time	<100 V/sec
Protections	Over temperature, short circuit
Display	3.5 digits for V and I
Analogue Interface	0-5V / 0-10V
RS-232 / RS-485 Interface	12 bit
IEEE488.2 / GPIB Interface	12 bit
CAN Interface	12 bit
USB Interface	12 bit
Operating Temperature	0-50°C
Operating Humidity	0 - 90% (non condensing)
Power Derating 50 - 70°C	-2%/°C
Cooling	Forced air front to back
Storage Temperature	-45 to + 85°C
Storage Humidity	0 - 95% (non condensing)

Every effort is made to ensure that the information provided within this technical summary is accurate. However, ETPS Ltd 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. ETPS Ltd specialises in modifying its proven platforms to suit your needs. Please contact our office if your requirement is non-standard. Please note that your actual unit may differ from those shown.





“  
WE ARE  
POSITIVE  
PEOPLE  
”

ETPS engineer electronic power supply and testing systems. Our problem solving skills provide the spark of innovation to some of the world's leading technology brands.



Tel: +44 (0) 1246 452909  
Sales: 0800 612 95 75  
sales@etps.co.uk  
www.etps.co.uk

ETPS Ltd  
Unit 14, The Bridge  
Beresford Way, Chesterfield  
S41 9FG



**POSITIVE PROBLEM SOLVING**