



### Applications:



**LED lights  
&  
Fan Manufacturer**



**Ballast  
Manufacturer**



**SMPS  
Manufacturer**



**Control Transformer  
Manufacturer**



**UPS & Stabilizer  
Manufacturer**

# 1-PHASE PRECISION POWER ANALYZER VPAe

■ Accurate measurement at Low PF ■ Basic Accuracy  $\pm 0.2\%$

## KEY FEATURES

- TRMS Voltage 300V
- TRMS Current 10A, 20A, 40A (Available on Request)
- 16 X 2 LCD Display
- Portable in Size
- Table Top Model
- User Friendly Operation with embossed Key Pad
- Tamper Proof Calibration & Long term stability
- RS-232 or RS-485 Interface Facility (Optional)
- Hold Facility With LED Indication

## APPLICATION

- To Test LED Light, Stabilizer, Air conditioner, Fan, Heater, Ballast, Cooler, Control Transformer, SMPS etc. domestic appliances.
- To calibrate Voltmeter, Amp meter, Watt meter, PF meter, Power source etc.
- Educational Institutes, Degree / Diploma / ITI colleges in Electrical & Electronics Department.

## INTRODUCTION

VEER Power Analyzer VPAe is result of continuous R & D activities. It is an accurate Instrument to test 1 Phase electrical Machines due to high sampling rate & simultaneous measurement of parameters. It has no adjustable components inside so, accuracy remains long time.

## SCOPE OF MEASUREMENT

- TRMS Voltage (5V to 300V)
- TRMS Current (0.10A to 10A/ 20A/ 40A) (As Per Applicable Model)
- Active Power (0.6W to 3000W/ 6000W/ 12000W )
- Power Factor ( $\pm 0.05$  to Unity)
- Frequency (Line Frequency)

## GENERAL SPECIFICATION

Warm up time	30 minutes (For Specific Accuracy)	
Operating Temperature	0 °C to 55 °C	
Operating Humidity	10% to 95% RH (no condensation)	
Storage Temperature	0 °C to 55 °C	
TRMS Voltage	5V to 300V	
TRMS Current	0.10A to 10A/20A/40A (Available on request)	
Accuracy & Resolution	$\pm 0.2\%$ Reading $\pm 0.1\%$ Range @ 50Hz & 4 Digit Resolution	
Power supply	230V $\pm 10\%$ @ 50Hz	
Power consumption	15VA Max.	
Dimension (W x D x H)	158 x 198 x 72 mm**	
Weight	2 kg approx.**	
Input Terminal Type	Voltage : Banana socket (wire fit type)	Current : Banana socket (wire fit type) Large Binding Post (1/4" or 6/16" Copper Stud With Insulated Nut) (For 40A)

NOTE:- 1. Above all Specifications are subject to change without prior notice , Please confirm at the time of placing an order.

2. \*\*Size and Weight may be change without prior notice.

3. Standard Warranty is for 1 year.

## FEW OTHER PRODUCTS AT A GLANCE



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