

ELECTRONICS REGIONAL TEST LABORATORY (WEST) DEPARTMENT OF INFORMATION TECHNOLOGY	REPORT NO. ERTL(W)/2004E&S 23		
SUBJECT: INSPECTION OF UPS	DATE 4 FEB 2004	PAGE 1	OF 5

1. SCOPE

1.1 Service Request No : ERTL(W)/2004107 DATED 16-JAN-2004

1.1.1 Service Request finalised on : 16-JAN-2004

1.2 Requested by (Name and address of organisation) ASIA POWERCOM LTD.,
A/2 SHRIJI NIKETAN,
DR. AMBEDKAR ROAD,
MATUNGA,
MUMBAI-400019

1.3	Description	Qty	Manufacturer	Type No.	Serial No.
	ONLINE UPS 1kVA, 700 W	01 No.	POWERCOM	VGD 1000	10036890311

1.4 Test specifications Customer's

1.5 Lab Ambient Not controlled.

1.6 Test Equipment used :
1. DMM E&S/122
2. SCOPEMETER E&S/125

Released



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2.0 Test Results

Sr.No.	Test/Parameter	Test Condition	Requirement	Observation	Remark
2.1	Input voltage range	Output at rated load. (700 W resistive load)	160 to 276 VAC. Output shall be 230 V \pm 1 %	Complied	Complied
2.2	Output voltage on battery and waveform	Output at rated load. (700 W resistive load)	---	229.2 V sine wave with THD of 0.5 %	---
2.3	Overall efficiency	Input voltage: 230 V. Output at rated load. (resistive load)	---	83 %	---
2.4	Input power factor	Input voltage: 230 V. Output at rated load. (resistive load)	---	0.99	---




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3.0 General Remarks :

3.1 All tests were carried out at customer's premises.

REPORT APPROVED BY REPORT REVISIONS BY



HEAD (E&S)

