

GOVT. OF ASSAM
ASSAM STATE DISASTER MANAGEMENT AUTHORITY
DISPUR::ASSAM

No.RGR/ASDMA/46/10/Pt/

Dated: 25th April,2011

**REVISION OF ONLINE UPS SPECIFICATION AND EXTENSION OF LAST DATE FOR
SUBMISSION OF TENDERS**

- THE LAST DATE OF SUBMISSION OF TENDER HAS BEEN EXTENDED TO 7TH MAY,2011 FROM 27TH APRIL,2011
- UPS SPECIFICATION AGAINST TENDER NO.RGR/ASDMA/46/10/PT/11 DATED 6TH APRIL,2011 IS NOW REVISED AND IS AS FOLLOWS

TECHNICAL SPECIFICATIONS FOR 1 KVA ON-LINE UPS

PARAMETER	REQUIRED SPECIFICATIONS
Configuration	1 KVA standalone (Single Module) UPS System.
Technology	True On-Line Double Conversion Architecture with IGBT based PWM Technology
Input	
Voltage	160-276V AC
Frequency	50/60 Hz Auto Sensing
Power Factor	> 0.9
Output	
Voltage	220V, 230V, 240VAC +/-2%
Frequency	50 Hz +/- 0.5%
Inverter Efficiency	> 90%
Output waveform	Sine wave
Output power factor	0.7
Harmonic distortion	< 3% T.H.D
Crest Factor	3:1
Overload	125% for 30 seconds and 150% for 5 seconds
Protection	Overload, Short circuit, Low Battery, Overcharge etc.
Indicators & Alarm	Mains on, Load on UPS, On Battery, Low Battery, Overload
Isolation	
Isolation Transformer	UPS should be fully isolated by double conversion and isolation transformer
Battery	
Type	Sealed Maintenance Free Lead Acid Batteries
Back up time	60 minutes with minimum 1260 VAH Total number of batteries. Voltage of each battery, Ampere-Hour rating, and Total Volt-Ampere-Hour rating of the Battery Bank Offered should be clearly mentioned. Battery Make: EXIDE / QUANTA / ROCKET only
Environment	
Operating temperature	0 – 40 deg C
Audible Noise (1 mtr. from surface)	< 45 dBA
Quality	
Certification	The UPS OEM should be ISO 9001 or ISO 14001 certified and the certifying body should be accredited by Quality Council of India (NABCB)



(Atul Chaturvedi)

Chief Executive Officer

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