



18 March, 2026

Ref. No.: JMI/CIT/Purchase/2026/RFQ#3

Subject: Quotation for 10 KVA UPS (3 P in and 1 P out).

Sir,

You are requested to kindly supply your sealed quotation explicitly mentioning all applicable taxes, and other terms for the following items latest by March 20, 2026 up to 4:30 P.M. :

Sr. No.	Technical Specification	Quantity	Unit Rate	Applicable Taxes %	Tax Amount (Rs.)	Total Cost inclusive of tax
1	10 KVA Online UPS that can support battery bank of 32 batteries (100 AH Charging Capacity)	2 Nos.				

Your quotation should include all terms & conditions including the following:

- MAF from the OEM
- Quoted Price
- Applicable taxes
- Payment Terms
- Delivery Time (Before 20th March 2026)
- Any Other

Technical Specification is attached herewith. Please find the attachment.

Your quotation should be addressed to :

The Director,
FTK-Centre For Information Technology,
Jamia Millia Islamia,
New Delhi

Thanking you,


(Dr. S. Kazim Naqvi)
18/3/26
Officiating Director

FTK-Centre For Information Technology
जामिया मिल्लिया इस्लामिया / Jamia Millia Islamia
जामिया नगर / Jamia Nagar
नई दिल्ली / New Delhi-110025

10 KVA UPS (3P in -1P out)

1. Technical Specification

General Features	
Nominal power (VA)	10000
Active power (W)	10000
Technology	IGBT based online double conversion VFI-SS-111
Waveform	Sinusoidal
UPS architecture	Rack or Tower

Input	
Input voltage	400 V
Input frequency	50-60 Hz Autosensing (Range 40-70 Hz)
Input voltage range	305V-485V on full load, 260V on 50% load
THD input current	< 5% @ full load
Input power factor	≥ 0.99 @ full load

Output	
Output voltage	230V ± 1% (default), 220/240V also available and can be set from LCD panel.
Output frequency (nominal)	50/60 Hz (Auto sensing or can be set from the LCD panel for converter mode)
Crest factor	3:1
THD output voltage	≤ 1% for linear and ≤ 3% for non-linear
Output voltage tolerance	± 1%
Efficiency AC-AC mode	≥ 93%
Efficiency ECO mode	≥ 98%
Transfer time (mains to battery)	0ms
Transfer time (inverter to bypass)	4ms
Output connection	6SA terminal

Batteries	
Backup time expansion	Yes
Number of batteries	16-40 Nos
Battery series type/voltage	VRLA / tubular - 12V
Charger	1~10 settable (1A/2A/3A/4A/5A/6A/7A/8A/9A/10A can be set)

Display	
Indications LCD	Input, Output, Bypass - Voltage/ Frequency/Current, Output - VA/W/ power factor/load percentage, Battery - Voltage/ Current/Status of charge/ Remaining backup time percentage/Self test, Fault codes-Overload/Short circuit/ Low battery
Indications LED	UPS on & off
Fault Indications	Bus over & under failure, inverter soft start failure, inverter voltage high & low, inverter output overload, inverter output short, battery voltage high & low, over temperature, charger failure, battery open, EPO enable
Settings	Inverter voltage & frequency, frequency converter, ECO mode, ECO voltage range, bypass setting, bypass voltage range, charger boost & float voltage setting, charging current.

Others	
Auto restart / Cold start / Generator capability	Yes
Frequency converter / ECO mode	Yes
EPO	Available
Isolation Transformer	External (optional)
Manual bypass panel	External (optional)
Compliance	BIS (IS 16242:2014) CE (IEC 62040)

Communication and management	
Display and signals	Three buttons and LCD display to monitor the status of the UPS in real time
Communication ports	RS485
Remote management	Available
Network interface slot	Yes, (optional - SNMP / MODBUS/ AS400 cards)

Environmental conditions	
Operating temperature (°C)	0 ÷ 40 °C
Degree of protection	IP20
Relative humidity (%)	0÷95 % non-condensing
Noise level at 1 m (dBA)	55 dB at 1 meter

Mechanical features	
Measurements W x D x H (mm)	438 x 572 x 130
Net Weight (kg)	19

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