

**UNIVERSITY OF NORTH BENGAL
OFFICE OF THE REGISTRAR**



ENLIGHTENMENT TO PERFECTION

Quotations are invited in connection to the purchase of 5 KVA Online UPS for the Department of Chemistry, University of North Bengal. The sealed quotations should be addressed to the Head of the Department, Department of Chemistry, University of North Bengal. The quotations should be submitted to the Head, department of Chemistry, within two weeks from the date of Advertisement. For details of specifications kindly visit <http://nbu.ac.in>.

Advt. No. 103/ R-2016 Dated: 28.10.2016

Registrar (Offg.)

UPS TYPE	5 KVA (FLOOR MODEL WITH INBUILT ISOLAT
INPUT	
PHASE	SINGLE PHASE
VOLTAGE RANGE	160 VAC - 300 VAC
FREQUENCY	50/60 Hz(Auto Sensing)
POWER FACTOR	0.99
INBUILT ISOLATION	REQUIRED AT INPUT SIDE
OUTPUT	
VOLTAGE	220 VAC / 230VAC/240VAC
VOLTAGE REGULATION	+ / - 1%
FREQUENCY	50 Hz +/-0.1 Hz
SYNCHRONIZATION RANGE	47.5 HZ to 52.5 HZ
VOLTAGE DISTORTION	<2% (LINEAR LOAD)
	< 5% (NON-LINEAR LOAD)
OUTPUT WAVEFORM	PURE SINE WAVE
EFFICIENCY (AC-AC)	Upto 97%
POWER FACTOR	0.8
BACKUP TIME	3 Hrs
BATTERY	(MIN VAH REQUIRED 14040)
BATTERY TYPE	SEALED LEAD ACID MAINTENANCE FREE
Battery charging	CONSTANT CURRENT& CONSTANT VOLTAGE
DC BUS	216V
FEATURES	
CONVERTER MODE	AVAILABLE
BYPASS PARAMETERS CONFIGURABLE	AVAILABLE
DC BUS VOLTAGE	ADJUSTABLE
INGRESS PROTECTION	IP20
OVERLOAD CAPACITY	105-110% 3 MIN,111-130% 30 SEC
GENERAL	
OPERATING TEMPERATURE	0 TO 40°C Continuous
DISPLAY & INDICATION	LCD DISPLAY
COMMUNICATION INTERFACE	
STANDARD	RS 232,USB Com port
INTELLIGENT SLOT	OPTIONAL-SNMP/MODBUS/DRY CONTACTS
SAFETY	EN/IEC 62040-1
EMI / EMC	EN/IEC 62040-1
CERTIFICATION REQUIRED	ISO 9001, ISO 14001,OHAS 18001