

Department of Physics  
University of Kerala, Kariavattom Campus, Thiruvananthapuram- 695581

KERALA

Quotation Notice

Phy/295/2021-22

13/08/2021

Department of Physics, University of Kerala, Kariavattom, invites tenders for the purchase of an 'Online 2kVA UPS with battery backup' with following specifications.

TECHNICAL SPECIFICATIONS

Item: 2 kVA online UPS with battery backup

Description	Specification
General	Rating: 2 kVA, Capacity: 2 kVA with isolation transformer, Overall Efficiency: >89 %
Input Parameters	Input Voltage: 230V AC, Input Voltage Range: 110 - 300 V, Input Connection: 1W+N+G, Input Power Factor: > 0.99, THDi: < 10%, Input Frequency Range: 40 - 70 Hz, Input Resettable Breaker: Yes
DC Characteristics	DC Voltage: 72 V, Standard charging current: 6.5 A or better
Output Parameters	Output Voltage (in VAC): 200 V/208 V/220 V/230 V/240 V Output PF: 0.8 or better Output frequency: 50/60 Hz, Overload Capacity 110%: 10 min Overload Capacity 125%: 1 min, Output Connection: 1W+N
Protections	Short Circuit Protection: Yes, Surge Protection: Yes
Battery backup	A minimum of four 12 V batteries are required. (or provide better option). Minimum one hour back up time.

General Conditions

1. Incomplete and conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.
2. The price should be inclusive of all taxes, duties, transportation, insurance, installation etc. Nothing extra will be paid in addition to the quoted rate.
3. Delivery and installation: Proposed delivery schedule should be mentioned clearly. Delivery and installation should be made at the Department of Physics University of Kerala, Kariavattom Campus, Thiruvananthapuram without extra cost.

Please quote the lowest price for the above item.

Hard copies of the sealed tenders to be submitted to the office of "Department of Physics, University of Kerala, Kariavattom, Thiruvananthapuram, Pin- 695 581, Kerala" on or before

25/08/2021 3 PM

Sd/-

Head

Department of Physics

University of Kerala

*Subodh P*

**Head-in charge  
Department of Physics  
University of Kerala  
Kariavattom - 695 581**

