

**5 KVA ONLINE UNINTERRUPTED POWER SUPPLY SYSTEM - 3Nos.**  
**(Tender Ref. No. NIN/ST/12/Tender/2019/UPS 5KAV/25)**

**Specifications:**

1. Input voltage : 220V  $\pm$ 20% AC, 50 Hz
2. Input Frequency : 45 to 55Hz
3. Output Voltage : 220VAC single phase
4. Output wave form : Pure sinusoidal
5. Output regulation :  $\pm$  1% for line voltage variation of 20% and load variation of 10% to 100%
6. Output frequency : 50Hz:  $\pm$  0.5Hz
7. Harmonic Distortion : Less than 3% THD
8. Technology : IGBT
9. Power rating : 5 KVA
10. Crest Factor : 4: 1
11. Load power factor : 0.9 lag to unity
12. Overload : 125% for 10mts.
13. Metering : Output voltage/output current/battery Voltage/battery current/output frequency
14. Supervisory : Mains: on / off, Inverter: on / off, inverter Overload, Battery low/over /under /Indication Voltage, Charger: on/ off
15. Operating switches : Mains: on/off, charger: on/off, Battery: On/off/By pass
16. Protections : Overload/short circuit/overcharge/battery low inverter over voltage/under Voltage/spike/surge etc.
17. Auto Alarm : Mains failure/low battery/over load
18. Efficiency : Better than 85 %
19. Battery : SMF
20. Back up time : One hour with full load.
21. Warranty : 3 years comprehensive