

Supply and Installation of 5KVA UPS – 01 no.

Capacity:	5KVA/ 4 KW, APFC , Pure sine wave output, True online Double Conversion Technology, Scalability capability , IGBT Technology,
Input:	Input Voltage – $415 \pm 15\%$,Input Frequency – 47 to 53 Hz, Input Power Factor ≥ 0.95
Output	Input THD (v) $\leq 5\%$,Input THD (i) $\leq 15\%$, Output Voltage $240 \pm 1\%$ Output Frequency $50 \pm 0.1\%$, Overall Efficiency $\geq 90\%$ Output Waveform – pure sine wave, Overload Capacity: 150% for 1 minute and 120% for 10 minutes. Crest Factor 3:1 Noise level <50 dB
Overload	Ambient temperature 0-40 degree C
Capacity:	Relative humidity 0-95% non-condensing, Mains failure, Low battery, Overload
Battery	Tubular type- Exide make (EL+) or equivalent with Battery Racks Connecting cables for batteries etc,
Warranty:	Supplied UPS shall be under guarantee/ warranty for 2 years from the date of commissioning of UPS. The supplied battery shall be guarantee/ warranty for 5 years from the date of commissioning of UPS. The bidder shall give undertaking to carry out comprehensive maintenance contract for a period of 3 years to the UPS after the expiry of guarantee/ warranty period and the bidder must indicate AMC charges for the third, fourth and fifth years, i.e., after expiry of guarantee/ warranty period. This shall be considered for evaluation of bid