

**Specifications of the ONLINE UPS of 1 KVA with 60 Minutes Backup
to be installed under e-District State-wide Rollout**

Description	Specification
Certifications	ISO 9001:2008 and 14001 Certified OEM
Technology	True On-line UPS with Double Conversion technology Rectifier & Inverter both be IGBT based
Power Rating	1000VA/800W
Input Voltage & Range	160-280 VAC @100% load
Input Freq. Range	45Hz ~ 55 Hz
Input Power Factor	≥ 0.95
Output Voltage Range	220 / 230 / 240 VAC $\pm 3\%$
O/p Voltage Distortion	< 6% (Non-linear load) < 3% (linear load)
Output Frequency	47.5~52.5Hz
Output Power Factor	0.8
Output Crest Factor	3:1
Transient Response	Less or equal to 3% for 100% nonlinear load (Battery mode)
Battery Type	Sealed maintenance free valve regulated lead acid
Backup	60 Min with supplied Desktop, Laser Printer, Scanner and Webcam connected
Protection	Internal/ External Transient Voltage Surge Suppressor at i/p of UPS OR Inbuilt Galvanic Isolation Transformer along with monitoring LED
Audible Noise	<45 dB @ 1 Meter
Operating Temp. & Humidity	20-90%RH @0-40 ⁰ C (Non-condensing)
LCD/LED Display	UPS Status, Load Level, Battery Level, I/p O/p voltage, Discharge Timer and Fault Conditions
	Management
Power Outlet	Should have programmable power management outlet for control of load segment
SNMP	USB, RJ45, Power Management from SNMP Manager and web browser option should be present