

Specifications of UPS for SDC Labs

10 – KVA UPS -Specifications

<u>Item</u>	<u>Qty</u>
10 – KVA UPS	04
S. No	
1	Online UPS Rating: 10KVA
2	Back-up time: 1 Hour on full load
3	INPUT
3a	Voltage Rang:
i.	Low Line Transfer: 170VAC for 100% load & 110VAC for 60% load.
ii.	Low Line Comeback : 185VAC for 100% load & 135VAC for 60% load.
iii.	High Line Transfer: 270VAC +/- 5%
iv.	High Line Come back: 290VAC +/- 5%
3b	Frequency Range: 46 - 54 Hz
3c	Phase: Single Phase with Ground
3d	Power Factor: >= 0.99 at 100% load.
4	OUTPUT
4a	Output Voltage : 230VAC Phase: Single Phase.
4b	AC Voltage Regulation: +/- 1%
4c	Frequency Range: 46 - 54 Hz
4d	Frequency Range on battery mode: 50Hz +/-0.1 Hz
4e	Overload: 105% to 110% upto 3 mins
4f	Current Crest Factor: 3:01
4g	Harmonic Distortion: <= 3% THD (Linear Load) <=5% THD (Non Linear Load)
4h	Transfer Time: AC to Battery mode: Zero milli secs. Inverter to Bypass : Zero milli secs.
4i	Wave Form (Battery Mode) Pure Sine Wave
5	BATTERY
5a	Capacity & number of batteries ---65AH-16Nos
5b	Battery Make: Exide/Quanta/Numeric/Panasonic
6	ENVIRONMENT
6a	Operational Humidity: <95% non condensing.
6b	Noise Level For 10KVA UPS: < 58dB @ 1 meter distance
7	ISOLATION TRANSFORMER: All UPS must contain Inbuilt Isolation Transformer.
Note: Vendors are requested to quote with in-built isolation transformer only. Providing Isolation transformer externally to UPS will not be accepted	
Taxes : All Inclusive	
Warranty: One Year for non-specified items	
Delivery: Within 2 Weeks from the receipt of P.O	