

## 1. Technical Specification of 10 KVA UPS

S.N.	Parameter	Technical Specification	Remarks
1	Type	1 Phase IN – 1 Phase OUT	
2	Technology	DSP Based Double Conversion	
3	By-Pass	Available	
4	No. of 12V Batteries	16	
5	Battery Voltage	192V DC	
6	Battery Charging Current	1 Amp to 10 Amp	
7	Battery Recommendation	100 Amp to 200 Amp	
8	Indication	LCD Panel	
9	Alarm	Low Battery, Mains Fail, Over Load, Short Ckt	
10	Protection	Over Voltage, Under Voltage & Short Ckt.	
11	<b>Mains Mode</b>		
12	No. of Phases	1 Phase - 3 Wire	
13	Voltage Range	170V – 280VAC	
14	IP Frequency Range	47Hz – 53Hz	
15	<b>Output</b>		
16	Power	Min. 8000 Watt	
17	Load PF Range	0.8 or more	
18	Phase	1 Phase – 2 wire (P N)	
19	Output Waveform	Pure Sine Wave	
20	Voltage	230V +/-1%	
21	Frequency	50Hz +/- 1%	
22	Load Crest Factor	>3:1	
23	Output Voltage THD	<=3% on linear load	
24	Loading Capacity	110% for 2 Minutes	
25	<b>Protections</b>		
26	Over Load	Short Circuit	
27	Battery Over Charge	Mains MCB Trip	
28	Standard	ISO or Equivalent	
29	Warranty	Min.2 Years	
30	Accessories Included	All the required accessories i.e cable shoe, connectors and wires .	

- Note:** 1. Authorized Letter from Authorized Distributor/Partner Should be Submitted.  
2. Installation of UPS and making operational as per user's requirement will be the responsibility of Supplier

## 2. 12 V 200A Batteries For Above Mentioned UPS.

S.N.	Parameter	Technical Specification	Remarks
1	Type	Tubular or Better	
2	Voltage	12 V DC	
3	Amp	Minimum 200A	
4	Usage	External Battery for 10 KVA, 7.5 KVA or other UPS	
5	Included Accessories	All the cables, connector and accessories whatever is needed to make UPS operational	
6	Standard	ISO or equivalent	
7	Warranty	Minimum 1 Years or OEM provided whichever is greater.	

**Note:** Should Be Compatible with Above mentioned UPS

### 3. Technical Specification of Branded Computer

S.N	Parameter	Technical Specification	Remarks
1	Type	Branded	
2	Processor	Intel Core i7, Minimum 8M Cache, Minimum 8th Generation	
3	Memory	Minimum 8 GB	
4	Storage	Minimum 1 TB	
5	Graphics	Integrated Graphics	
6	Optical Drive	DVD RW	
7	Display	Minimum 19" LED Monitor	
8	Interfaces	Minimum 1x Gigabit Ethernet, HDMI, VGA, Minimum 4 x USB(Minimum 1x USB 3.0)	
9	Operating System	Windows 10 Genuine or Above with serial key	
10	Accessories	USB Optical Scrolling Mouse, USB Multimedia Keyboard	
11	Standard	ISO or Equivalent	
12	Warranty	Minimum 1 year/ provided by OEM whichever is Greater	

### 4. Technical Specification of NAS 40TB

S.N	Parameters	Technical Specification	Remarks
1	CPU	Minimum Intel Quad core 1.7 Ghz	
		Architecture: Minimum 32-bit	
		Hardware Encryption Engine	
2	System Memory	Minimum 4GB DDR3L	
3	Memory Slot	Minimum 4 x Long-DIMM slots	
4	SSD cache	SSD read-write cache support	
5	Storage Capacity	Minimum 40 TB Usable after RAID 5	
6	Drive Compatibility	Minimum 3.5-inch bays:	
		Minimum 3.5-inch SATA hard disk drives	
		Minimum 2.5-inch SATA hard disk drives	
		Minimum 2.5-inch solid state drives	
7	External Ports	Minimum 2x1GbE LAN Port (with Link Aggregation / Failover support)	
		Minimum 2x10GbE LAN Port(with Link Aggregation / Failover support)	
		Minimum 2x 3.0 USB Port	
		Minimum 2xeSATA Port	
8	File System	Internal Drives (EXT4)	
		External Drives (EXT4, EXT3,FAT,NTFS,HFS+)	
9	File sharing Capability	Minimum local user account: 2000	
		Minimum local group: 200	
		Minimum shared folder: 200	
		Minimum concurrent SMB/NFS/AFP/FTP connection: 1000	

10	Domain Authentication	Microsoft Active Directory (AD) and domain controller support	
		LDAP server and client	
		Domain user login (AFP, CIFS/SMB, FTP)	
11	Web Administration	Multi-window, multitasking system management	
		Smart toolbar and dashboard for system status display	
		Dynamic DNS (DDNS)	
		SNMP versions 2 and 3	
12	File Server	File sharing across Windows, Mac, and Linux/UNIX	
		Microsoft networking	
		Windows ACL	
		Advanced folder permissions (AFP, CIFS/SMB, and FTP)	
13	FTP Server	FTP over SSL/TLS (explicit)	
		FXP support	
15	Security	Firewall, encryption shared folder, SMB encryption, FTP over SSL/TLS, SFTP, rsync over SSH, login auto block, HTTPS (customizable cipher suite)	
16	Standard	ISO,FCC, UL, CE or Equivalent	
17	Warranty	Minimum 3 Years or Company provided which ever is greater	

**Note:** Authorized Letter from Authorized Distributor Should be Submitted ; Installation and making operational will be the responsibility of the supplier and should submit the assurance letter for the Installation and Implementation (with technical Capabilities).

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