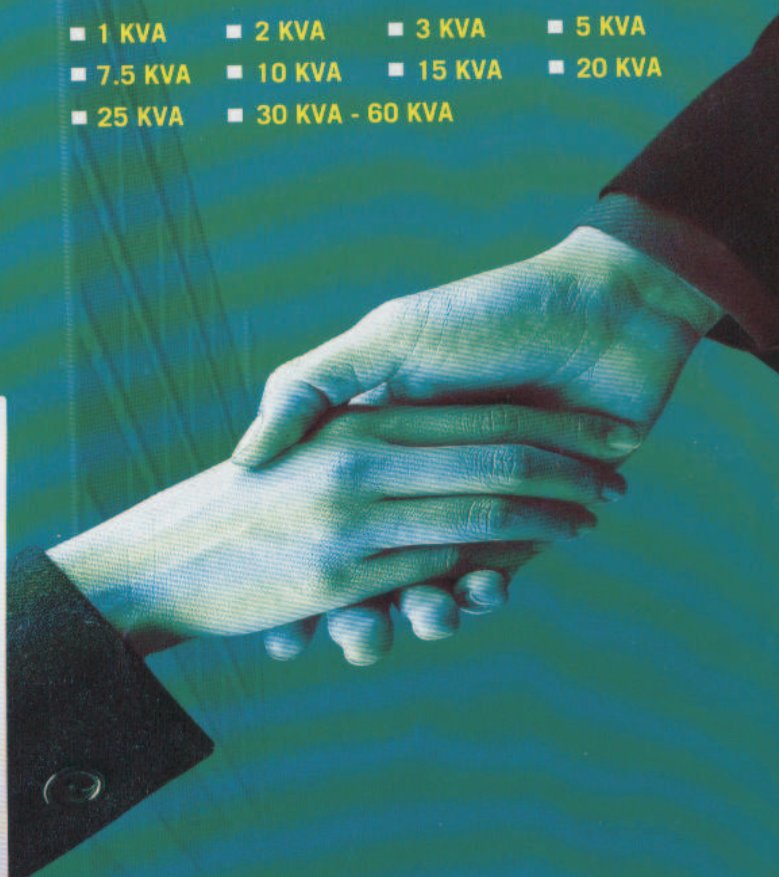
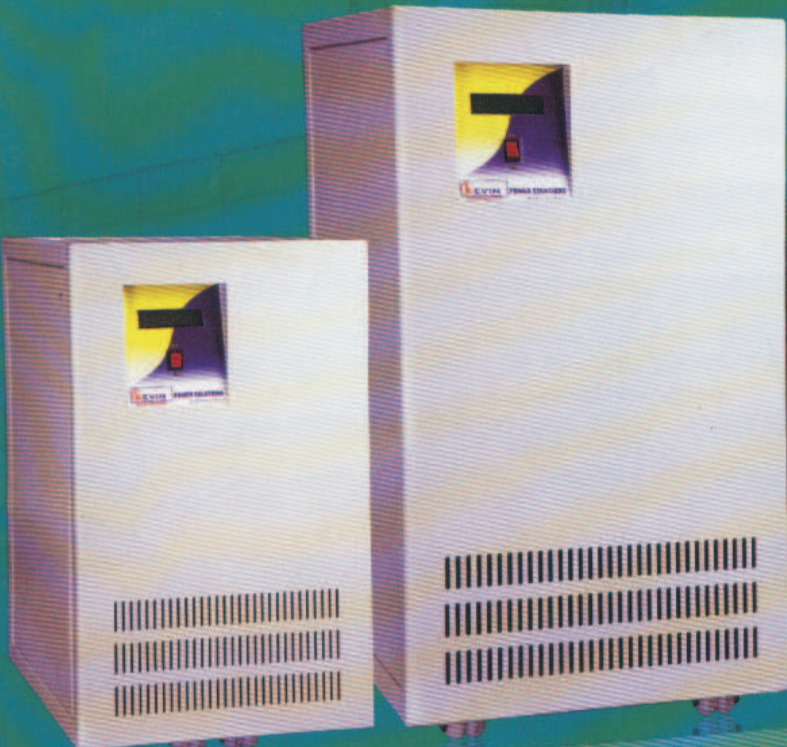


DSP Sine Wave Online UPS

- 1 KVA ■ 2 KVA ■ 3 KVA ■ 5 KVA
- 7.5 KVA ■ 10 KVA ■ 15 KVA ■ 20 KVA
- 25 KVA ■ 30 KVA - 60 KVA



Applications ~ All Mission Critical Applications like :-

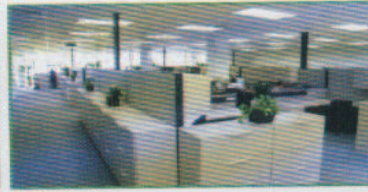
- ★ Major Power Back up Source in Corporate Offices as well as Call Centres
- ★ Banks & ATMs
- ★ Network Servers, Hubs, Routers, Storage Devices etc.
- ★ Satellite & Communication Systems
- ★ Aviation and Broadcasting
- ★ Defence & Para Military Operations Complex
- ★ Life Saving Medical Equipment & Diagnostic Labs
- ★ Photography & Color Labs
- ★ Vital Real Time & Process Control Equipment in Industries

Salient Features*

- DSP Based Double Conversion Topology with enhanced control over the Voltage and Frequency
- In-built requisite safety & protections like Short Circuit, Over Temp., Battery Low/High, Mains MCB Trip etc. with comprehensive display
- Wide input Voltage & Frequency Window
- Extremely Low Total Harmonic Distortion <3%
- Web, SNMP and Telenet Monitoring (optional)
- Cold Start
- LCD Display
- Hot Stand-by
- In-built System Bypass facility in case of system failure

Technical Specifications*

Description	Single Phase						3 Phase In - 1 Phase Out				3 Phase In - 3 Phase Out			
	1KVA	2KVA	3KVA	5KVA	7.5KVA	10KVA	7.5KVA	10KVA	15KVA	20KVA	10KVA	15KVA	20KVA-100KVA	
Output Wave Form	Pure Sine wave													
Nominal Battery Voltage	24V DC	48V DC	180V DC			192V DC		360V DC						
Output Power Factor	0.8													
No Load Batt. Current	1.1A±0.2A													
Total Harmonic Distortion	< 3%													
No Load O/P Voltage(L-N)	230±1%						230V AC ±1%				415±1%			
No Load O/P Voltage (L-L)	N/A	N/A	N/A											
O/P Frequency	50Hz±0.5Hz													
Full Load O/P Voltage (N-L)	230V AC±1%						230V AC ±1%				415±1%			
Full Load O/P Voltage (L-L)	N/A						N/A							
Low Battery Cut Off	10.4V±0.2V DC Per Battery (12V DC Battery)													
Low Battery Indication	10.6V±0.2V DC Per Battery (12V DC Battery)													
Mains Mode														
Input Voltage Range (N-L)	140V-280V±5V AC						170V to 270V±5V AC				290V to 480V±5V AC			
Input Voltage Range (L-L)	N/A													
Input Frequency Range	40Hz to 60Hz													
Input Power Factor Lagging	0.9	0.9	N/A											
Charging Current	5A to 10±1A						1.5A to 8A±1A							
Boost Charging Voltage	13.9V±0.2V DC Per Battery (12V DC Battery)													
Protections														
Protections	Output Not Ok, Battery Voltage Low, Over Load Battery Over Charge, Over Temperature, Short Circuit, Mains MCB Tripped													
Display														
Displays	Welcome Message, Capacity, Output Voltage, Output Frequency, Load Percentage Input Voltage and Frequency, Battery Charging, Battery Voltage, All Protections													
Environmental Parameters														
Operating Temperature	0 Deg - 45 Deg													
Acoustic Noise at 1 Mtr.	< 45 dB													
Relative Humidity	Max 95% non - Condensing													
Thermal Management	Integrated Cooling (Fan & Heat Sink)													
Weight and Dimensions														
With Packaging LXWXH in mm	400x420x135	480x420x135	600x500x730				700x500x770				860x630x950			
Without Packaging LXWXH in mm	350x320x90	400x320x90	400x350x600				550x350x670				700x460x830			
Net Weight	6.5Kg	8.5Kg	54Kg	67Kg	92Kg	107Kg	92Kg	107Kg	106Kg	115Kg	172Kg	115Kg	189Kg	
Gross Weight	7.1Kg	9.1Kg	67Kg	73Kg	108Kg	122Kg	108Kg	122Kg	118Kg	122Kg	189Kg	122Kg		



MEMBER



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