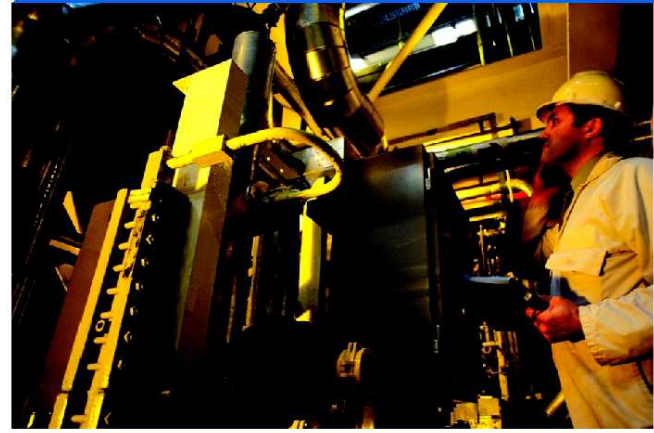


Online UPS TR SERIES 10-200KVA (3:3)



AVO LUNAR POWER LP 20000

Application:

Computer/critical servers/data center/hub & other network device/LAN/WAN.

FEATURES & BENEFITS

- Double conversion online technology
- Modularize
- Double CPU control
- Static bypass
- Manual maintenance bypass
- Wide input voltage range
- LCD with control panel,
- Advanced battery management
- Parallel redundant, parallel up to 6 modules
- Self diagnosis
- Full protection against over-discharge, overcharge, over load

High reliability:

True on-line static bypass technology, to provide strong overload and fault protection device. International

High reliability

True on-line static bypass technology, to provide strong overload and fault protection device. Internal manual maintenance bypass, further improve the reliability of continuous operation of the load.

Network management humanity

Communicate with PC by RS232;
Use SNMP adapter, UPS can realize remote network management function.

TECHNICAL SPECIFICATIONS

MODEL	LP40010	LP40020	LP40030	LP40040	LP40050	LP40060	LP40080	LP40100	LP40160	LP40200
Ratings	10KVA	20 KVA	30 KVA	40 KVA	50 KVA	60 KVA	80 KVA	100 KVA	160 KVA	200 KVA
Output Rating	8KW	16 KW	24 KW	32 KW	40 KW	48 KW	64 KW	80 KW	128 KW	160 KW
Nominal DC	360 VDC									
Topology	IGBT BASED ANALOG CONTROL									
Input Voltage	415 VAC, 335 to 475 VAC									
Input Frequency	50 Hz, 47 to 53 Hz									
Input PF	> 0.92									
Output Voltage	415 VAC +/- 1%									
Output Frequency	50 Hz +/- 0.1% in Free running & +/- 4% in Sync									
Isolation Transformer	Provided Inbuilt									
Power Factor	0.8 Lag to Unity									
Crest Factor	3:1									
Waveform	Sinusoidal									
THD	< 3% on linear load & < 5% on non-linear load									
Overload	110% for 30 minutes, 125% for 4 minutes, 200% for 100 msec									
Transient Response	For 0 - 50% & 50% - 100% load change voltage remains within +/- 5%									
Ripple	< 2%									
Inverter Efficiency	> 88%									
Protections	Input & Output Over / Under Voltage, Single Phasing									
	DC - High / Under Voltage, Battery Charging Over Current									
	Output Overload / Short Circuit / Over Temp., UPS auto ON on Mains recovery									
Audio Alarm	Mains Fail, Battery Low Pre-alarm, Inverter Trip									
Metering	LCD display for Input & Output - Voltage, Current & Frequency, Battery - Voltage & Current									
Indications	Mains - On / Fail / High / Low / Single Phasing									
	DC - On / High, Battery - Low Pre-alarm / Low Trip									
	Inverter - On / Trip / High / Low / Over Current									
Switchgear	MCB / MCCB for Input, Battery, Output & Manual Bypass Switch									
Termination	Input, Battery, Output & Bypass									
Enclosure	IP 20									
Operating Temp.	0 to 40 Deg C									
Humidity	Upto 95% Rh (non-condensing)									
Cooling	Forced Air									
Noise	< 75 dB									
Charging Current	5 to 15 Amps.					10 to 25 Amps.(Site Settable)				
Cold Start	Provided									
Communication	RS 232									
Monitoring Software	UPS Monitoring Software on Windows XP Platform									
Static Switch	Provided with changeover < 5 msec in sync & < 20msec in non-sync									
Configuration	Standalone / Parallel Redundant / Hot Standby / N+1									
Dimensions (mm)	W-600 x D-900 x H-1200				W-800 x D-800 x H-1800		W-800 x D-800 x H-2000			
Weight (Approx Kgs)	160	275	375	550	600	680	750	800	850	
Altitude	< 1500 m									

- All specifications are subject to change without prior notice.
- Custom-made specifications are acceptable.