

LP33 10KVA - 200KVA

Low Frequency Online UPS LP33 Series

LP33 Series 10KVA - 200KVA (3ph in / 3ph out)



Key Features:

- True double-conversion online technology
- Output PF-0.9
- DSP 100% micro controlled
- Strong overload capacity, 125% for 10minutes /150% for one minute
- Dual power supply(selectable)
- Accept 100% unbalanced load
- N+1 parallel redundant connection
- Cold start function
- High efficiency>92%
- Intelligent battery control
- Compatible with generators
- Good protections with Fast acting fuses in DC, Fans, Redundant power supplies, Temperature, Temperature sensors
- Powerful communication system(RS232,RS485,SNMP,EPO)

Application:

- Large IDC rooms, Industry, bank/securities settlement center, communication network management center, semiconductor product lines, large automation production, Laser cuttingmachine, highway and railway tunnels metal halide lamp lighting system etc.

Technical Specification:

Specification \ Model	LP33 10K	LP33 20K	LP33 30K	LP33 40K	LP33 60K	LP33 80K	LP33 100K	LP33 120K	LP33 160K	LP33 200K
General										
Capacity	10KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	160KVA	200KVA
Features	Scalable Power / UPS Parallel With Another Of The Same Capacity And Brand / 100% Microcontroller / Redundantforced Ventilation / Immune To Phase Rotation Input / Dual Input Type Input (Optional)									
Estimated Useful Life	15 Years									
Efficiency Ac / Ac	Greater Than 92%									
Transfer	0 Seg, No Transfer Time									
Invertir Technology	True Online (Double Conversion), Inverter Based On Igbt's									
Input										
Voltage (*)	380Vac \pm 20% (The Dimensions Could Change On Each Model).									
Frecuency (*)	50 or 60Hz \pm 10%									
Filters	Emi, Rfi									
Lead Wires (*)	3 Phases + Neutral + Ground									
Output										
Voltage (Selectable) (*)	380Vac \pm 1% (The Dimensions Could Change On Each Model).									
Frecuency	50 or 60Hz \pm 0.1%									
Waveform Type	Sine Wave Generated By The Inverter With High Frequency Pwm									
Harmonic Voltage Distortion T.H.D	<2% For Linear Load / <5% For Non-Linear Load									
Crest Factor	3:1									
Power Factor	From 0.9 Leading to 0.9 At Full Load.									
Overload Recovery.	The Ups Autotransferencia									
Isolation Transformer	Dry Type									
Voltage Regulation	\pm 1% For Balanced Load.									
Overload Capacity (*)	125% For 12 Minutes. / 150% For One Minute									
Lead Wires (*)	3 Phases +Neutral+Ground									
Batteries										
Type (*)	32Pcs For 10KVA To 200KVA . Sealed And Maintenance Free. Technology Vrla (Valve Regulated Lead Acid)									
Autonomy At Full Load (*)	5 to 15 Minutes. Extended Range Capability.									
Typical Recharge Time.	4 Hours 90%									
Battery Management.	Auto-Test, Adjustable Battery Transfer Point And Settings Of Alarm.									
Battery Protection.	Breaker Protection. Turn The System Off When The Battery Is Low. Battery Test. Smart Charger.									
Charger	Soft Start To Full Load. Current Limiter For Charging Batteries.									
Protections										
Hardware Protection	Breaker (Termomagnetic) For Input, Output, Battery, Bypass, Fast-Acting Fuses In Dc And Bypass, Fan, Powerredundant Temperature Sensors, On-Off Switch, Audible Alarms.									
Bypass	Static, Solid State, Automatic And Uninterrupted Operation Manual For Maintenance. External Bypass (Optional)									
Emergency Breaker.	Local Epo and / or Remote									
Monitoring And Communications										
Front Panel	Lcd Display 4 Rows X 20 Columns For Reading Electrical Parameters. Touchscreen (Optional). Led Mimic.									
Alarms	Audible And Visual Alarms For Non-Normal Conditions.									
Communications	RS232 Serial Port. RS485,SNMP CARD,(Optional). Gprs Module For Remote Monitoring Viacellular Network (Optional).									
UPS Conditions										
Temperature	0°C to 40°C									
Relative Humidity.	0°C to 95% Noncondensing									
Audible Noise	<60 dB at 1.5 Meters Away									
Batteries Conditions										
Temperature	0°C to 25°C									
Relative Humidity.	0 to 95% Noncondensing									
Dimensions And Weights										
Ups Dimensions In Mm (Front*Deep*High)	535*995*1100			645*1070*1320			705*1135*1418		1160*1043*1900	
UPS Weight In "Kg"	270	270	308	380	432	485	608.5	650	1120	1320
*Product Specifications are Subject to Change Without Notice.										