

LP33 20KVA - 200KVA

Low Frequency Online UPS LP33 Series

LP33 Series 20KVA - 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.SNMP.GPRS)

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.

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Technical Specification:

Specification \ Model	LP33 20K	LP33 30K	LP33 40K	LP33 60K	LP33 80K	LP33 100K	LP33 120K	LP33 160K	LP33 200K
General									
Capacity	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 (*)	460/265 or 480/277 Vac \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) (*)	460/265 Or 480/277 Vac \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 460V/265V or 480/277V								
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 (*)	40Pcs For 20 To 200Kva. Sealed And Maintenance Free. Technology Vria (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. "SNMP-RJ45" For Remote Monitoring (Optional). Gprs Module For Remote Monitoring Viacellular Network (Optional).								
UPS Conditions									
Temperature	0 $^{\circ}$ C to 40 $^{\circ}$ C								
Relative Humidity.	0 $^{\circ}$ C to 95% Noncondensing								
Audible Noise	<60 dB at 1.5 Meters Away								
Batteries Conditions									
Temperature	0 $^{\circ}$ C to 25 $^{\circ}$ 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	308	380	432	485	608.5	650	1120	1320
*Product Specifications are Subject to Change Without Notice.									