

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 / Redundant/forced Ventilation / Immune To Phase Rotation Input / Dual Input Type Input (Optional)								
Estimated Useful Life	15 Years								
Efficiency Ac / Ac	Greater Than 92%								
Transfer	0 Sec. No Transfer Time								
Inverter Technology	True Online (Double Conversion), Inverter Based On IGBT's								
Input									
Voltage (*)	480/266 or 480/277 Vac ± 20% (The Dimensions Could Change On Each Model)								
Frequency (*)	50 or 60Hz ± 10%								
Filters	EMI, RFI								
Lead Wires (*)	3 Phases + Neutral + Ground								
Output									
Voltage (Selectable) (*)	480/266 Or 480/277 Vac ± 1% (The Dimensions Could Change On Each Model)								
Frequency	50 or 60Hz ± 0.1%								
Waveform Type	Sine Wave Generated By The Inverter With High Frequency Pure								
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 Autotransferrence								
Isolation Transformer	Dry Type, Voltage 400V/208V or 480/277V								
Voltage Regulation	± 1% For Balanced Load								
Overload Capacity (*)	125% For 12 Minutes / 100% For One Minute								
Lead Wires (*)	3 Phases +Neutral+Ground								
Batteries									
Type (*)	40Pcs For 20 To 200Kva, Sealed And Maintenance Free, Technology VRLA (Valve Regulated Lead Acid)								
Autonomy At Full Load (*)	5 to 16 Minutes, Extended Range Capability								
Typical Recharge Time	4 Hours 90%								
Battery Management	Auto-Test, Adjustable Battery Transfer Point And Settings Of Alarms								
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 (Thermomagnetic) 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 Epe and / or Remote								
Monitoring And Communications									
Front Panel	Led Display 4 Rows X 20 Columns For Reading Electrical Parameters, Touchscreen (Optional), Led Minit								
Alarms	Audible And Visual Alarms For Non-Normal Conditions								
Communications	RS232 Serial Port, "SNMP-RJ45" For Remote Monitoring (Optional), Gprs Module For Remote Monitoring Via Cellular Network (Optional)								
UPS Conditions									
Temperature	0°C to 40°C								
Relative Humidity	0°C to 95% Noncondensing								
Audible Noise	<65 db at 1.6 Meters Away								
Batteries Conditions									
Temperature	0°C to 20°C								
Relative Humidity	0 to 95% Noncondensing								
Dimensions And Weights									
Ups Dimensions in Mm (Front/Deep/High)	535*995*1180		645*1070*1320			795*1108*1416		1180*1043*1800	
UPS Weight in "Kg"	270	306	380	432	465	630.5	650	1120	1320

*Product Specifications are Subject to Change Without Notice.