

EnPower3 | /33 Diamond

On - Line Double Conversion



Uninterruptible
Power
Supply **UPS**



www.enelpower.com

EnPower31/33 Diamond TECHNICAL SPECIFICATIONS

	10 kVA	15 kVA	20 kVA	30 kVA	45 kVA	60 kVA	80 kVA	100 kVA	120 kVA	160 kVA	200 kVA	
INPUT DATA												
Voltage	3 x 380 / 220 V + N, 3 x 400 / 230 v + N, 3 x 415 / 240 V + N											
Voltage Tolerance	+20%											
Frequency	50/60 Hz 10%											
Power Factor	0.99											
Total Harmonic Distortion	<5%											
OUTPUT DATA												
Voltage	220 V + N, 230 V + N, 240 V + 240 V N(Single Phase) / 3 x 380 / 220 V + N, 3 x 400 / 230 V +N, 3 x 415 / 240 V + N (Three phase)						3 x 380 / 220 V + N, 3 x 400 / 230 V + N, 3 x 415 / + N (Three phase)					
Output voltage regulation	± 1% static , + 3% dynamic at 100% load change ,2 ms recovery time											
Frequency	50/60 Hz											
Frequency Tolerance	± 0.1 % (Auto-synchronized), ± 1 % (Synchronized with the mains)											
Power Factor	0.8											
Total Harmonic Distortion	<2% linear, <5% non-linear											
Load Crest Factor	3:1											
Overload	125% rated load for 15 min. 150% rated load for 1 min.											
GENERAL DATA												
Topology	On-Line, Double conversion											
Parallel Technology	Distributed Parallel Architecture											
Redundancy n+1	High reliability, Up to six modules in parallel											
Control	Multi Microcontroller											
Type of Protection	IP21											
Standards	EN 5009-1 (Safety), EN 50091-2 (EMC)											
Overall Efficiency (On-Line mode)	up to 94% *											
Efficiency ECO Mode	98%											
Static and Maintenance By-pass	Standard											
PHYSICAL DATA												
Ambient Temperature	0°C to 40 °C											
Relative Humidity	0% to 95% (Noncondensing)											
Noise Level <dB (A)	<55				<60				<67			
Operation Altitude	1000 m											
Color	RAL 7035											
Dimensions Without Battery (WxHxD) mm	490x1510 x780	490x1510 x780	490x1510 x780	490x1510 x780	490x1510 x780	490x1510 x780	1100x1900 x750	1100x1900 x750	1100x1900 x750	1100x1900 x750	1100x1900 x750	
Weight Without Battery (kg)	210	225	230	240	290	300	590	730	800	920	1150	
MONITORING AND CONTROL DATA												
Power Management Display (PMD)	With LCD, Mimic											
Communication Facilities	Serial RS 232 / RS 485/422 / Modem / SNMP / Jbus /Modbus/Canbus											
Communication Port (Dry Port)	Volt - Programmable Free Contacts											
SNMP	SNMP Universe Software											
Control and Monitoring Software	EPC (Enel Power Controller)											
STATIC BY-PASS												
Input	220/230/240											
Transfer Time	0 sec.											
Power	150%											
Protection	Fuse											
BATTERY DATA												
Battery Type	Dry, Maintenance - free											
Charging Current	Adjustible											
Battery Test	Automatic / Manual											
Back-up Time	Adjustible											

* according to the power



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For more product information please contact