

three phase
UPS

process plus range

from 10 to 200 kVA

for IT centers and industrial applications



design features

- VFI (Voltage Frequency Independant) on-line, double conversion
- Low harmonic distortion thanks to IGBT rectifier
- DSP technology (Digital Signal Processor)
- High input power factor (0,99)
- Wide input voltage tolerance
- Parallel operations, redundancy or power increase
- Total Gen set compatibility
- SNMP interface and serial port RS-232

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Technical data

High performances

- Sinusoidal current thanks to IGBT rectifier.
- ON LINE technology double conversion, the total guarantee.
- reduced current consumption due to high level input power factor.

Availability and flexibility

- Internal manual maintenance switch and static Bypass.
- Flexible backup times.
- Parallel systems for redundancy or power increase.

Communication

- SNMP Network interface
- Remote LCD panel
- Serial port RS232 and dry contacts

Accessories

- Galvanic isolation transformer
- Extended backup times
- Parallel kit
- Dual input mains



Power	kVA	10	15	20	30	40	60	80	100	120	160/200	
Input	input voltage	380 V / 400 V / 415 V 3 Phases + N										
	voltage tolerance	300 - 480 V AC										
	frequency	50 - 60Hz ; 45~65Hz										
	distorsion rate	< 4%										
	power factor	≥ 0,99										
Output	output voltage	380 V / 400 V / 415 V										
	voltage regulation	± 1 %										
	voltage distortion rate	< 3%										
	crest factor	3:1										
	overload	150% 1 min - 125% 10 min										
	efficiency *	Up to 94%										
Dimension and weight	D x W x H (mm)	400 x 750 x 1100				520 x 900 x 1300		670 x 730 x 1530	640 x 980 x 1400	770 x 760 x 1680	960 x 870 x 1880	
	net weight (kgs)	102	110	110	110	240	242	251	295	330	555/575	
Environment	humidity operation	0 - 95% without condensation										
	temperature operation	0 - 40 °C (15 - 25° for optimal batteries life time)										
Communication	RS-232	RS-232 on DB9 connector and dry contacts										
	SNMP (option)	SNMP interface										
Standards	safety/EMC	EN 50091-1-1 / EN 50091-2 / EN 50091-3 / IEC 62040-3 (VFI SS-111) / EN 62040-2										

* according to models

Enotec reserve the right to make any changes to data without prior notice.

AEG Eurolec

AEG Eurolec Consulting B.V.
Energieweg 128 - 3641 RT Mijdrecht
Tel. 0297 233333

www.aegeurolec.nl
info@aegeurolec.nl