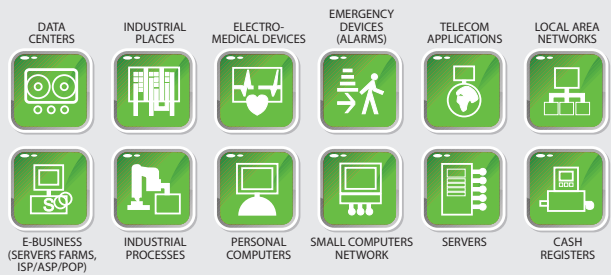


C Series UPS

30 - 120 KVA | three phase



"IGBT Rectifier"

"Digital Signal Processing (DSP) Technology"

NEW TECHNOLOGY

- ⌚ IGBT rectifier
- ⌚ High efficiency (up to 92%)
- ⌚ High input PF (≥ 0.99)
- ⌚ Low input current THD (<4%)
- ⌚ Low output voltage THD (<2%)
- ⌚ Short response time (<2ms)
- ⌚ High input and output performance

RELIABLE

- ⌚ Parallel option up to 6 units
- ⌚ Intelligent redundancy management
- ⌚ Programmable high overload capacity
- ⌚ Short circuit protection
- ⌚ Remote emergency power off
- ⌚ Dual input
- ⌚ Optimum generator compatibility

USER-FRIENDLY

- ⌚ Reduced weight/volume/footprint
- ⌚ Highest efficiency mode (eco-mode)
- ⌚ Adjustable input / output voltage & selectable frequency
- ⌚ Extended battery life with intelligent battery management
- ⌚ Automatic and manual battery test with adjustable period and duration
- ⌚ User-friendly LCD interface
- ⌚ Multi language options up to 10 languages
- ⌚ 512 real time event log and easy download
- ⌚ Multi communication options
- ⌚ Remote monitoring and management software
- ⌚ Programmable dry contacts
- ⌚ Custom inputs
- ⌚ Easy maintenance
- ⌚ 10 years spare part warranty
- ⌚ 7/24 technical support and customer service

STANDARDS

- ⌚ EN 62040-1 (Safety), EN 62040-2 (EMC)
- ⌚ TSEK, CE, ISO 9001:2008, ISO 14001, KEMA, GOST



C Series UPS

30 - 120 KVA three phase

TECHNICAL SPECIFICATIONS	C Series								
	30	40	60	80	100	120			
Power (KVA)	30	40	60	80	100	120			
INPUT									
Voltage	380 / 400 / 415 Vac 3ph + N								
Voltage tolerances	± 15% (without downgrading)								
Frequency	50 / 60 Hz								
Frequency tolerances	± 10%								
Power factor	≥ 0.99								
THDi	< 4%								
BYPASS									
Dual input	Standard								
Voltage	380 / 400 / 415 Vac 3ph + N								
Voltage tolerances	± 10% (adjustable)								
Frequency	50 / 60 Hz								
Frequency tolerances	adjustable up to ± 10%								
OUTPUT									
Voltage	380 / 400 / 415 Vac 3ph + N								
Voltage tolerances	± 1% (static load), dynamic load in accordance with VFI-SS-11								
Frequency	50 / 60 Hz (selectable)								
Frequency tolerances	± 0.1% (self-synchronize), ± 4% (mains-synchronize, adjustable up to ± 5%)								
Power factor	0.8								
THDv	≤ 2% (linear load), non-linear load in accordance with IEC/EN 62040-3								
Crest factor	3:1								
Short circuit current	up to 4.5 x In								
OVERLOAD CAPACITY									
110%	Normal mode continuously								
125%	10 min.								
150%	1 min.								
> 150%	Bypass mode continuously								
EFFICIENCY									
Online	up to 92%								
Eco-mode	up to 98%								
GENERAL									
Technology	True online-double conversion, IGBT rectifier								
Control	DSP, SPWM								
Communication	SNMP, RS232, RS485, MODBUS								
Remote monitoring	SNMPView, UPSMon, Remote panel								
Dry contacts	Programmable 3 dry contacts								
Custom inputs	Generator, Battery temperature sensor, Remote EPO								
ENVIRONMENT									
Operating temperature	from 0 °C up to +40 °C (from 20 °C to 25 °C for maximum battery life)								
Relative humidity	0% - 85% (without condensation)								
Maximum altitude	1000 m (without downgrading), max. 2000 m								
Noise level	< 65 dB (A)								
Paralleling units	up to 6								
UPS CABINET									
Dimensions (W x D x H) (mm)	480 x 890 x 1220								
Weight (kg)	170	185	200	265	320	340			
Degree of protection	IP20								
Colour	RAL7012								
Internal battery	128 pcs. of 7-9Ah / 64 pcs. of 12Ah			not available					
BATTERY CABINET									
Code	JBX07-2	JBX07-3	JBX08-1	JBX09-1	JBX11-1	JBX10-1	JBX12-3	JBX13-2	JBX13-4
Battery quantity	64	32	64	64	64	32	32	32	32
Battery capacity (Ah)	7-9	12	18	26-28	40-45	40-45	55-60	65-80	100-115
STANDARDS									
Certificates	EN 62040-1 (Safety), EN 62040-2 (EMC)								
UPS LIFETIME									
10 YEARS									

ELEN reserves the right to make any changes to data without prior notice.

Update:31/01/2011

