KEOR T EVO

NEW COMPACT UPS
UP TO 20 kVA

PF=1 -> VA=W

Keor T EVO is able to provide over 10% more active power than Keor T with same kVA Nominal power

Compact dimensions

Keor T EVO has foot print 35% smaller with the double of the power density compared the Keor T of same nominal power.

Embedded batteries for standard back up time

Keor T EVO can contain from 24 up to 36 batteries.

Complete Distribution Panel with Embedded Manual bypass

Wheels for easy installation and maintenance

Floor fixing kit for secure installations

KEOR T EVO

Conventional UPS - Three-phase On-line double conversion VFI

KEOR T EVO 10-15-20

Pack	Cat. Nos.	UPS			
		Nominal power kVA	Backup time (min.)	Dimensions H x W x D (mm)	Net weight (kg)
1	3 102 70	10	-	1020 x 265 x 800	78
1	3 102 71	10	10	1020 x 265 x 800	145
1	3 102 72	10	15	1020 x 265 x 800	168
1	3 102 73	15	-	1020 x 265 x 800	79
1	3 102 74	15	7	1020 x 265 x 800	163
1	3 102 75	15	10	1020 x 265 x 800	180
1	3 102 76	20	-	1020 x 265 x 800	84
1	3 102 77	20	7	1020 x 265 x 800	185

		Accessories
		Description
1	3 109 15	Parallel kit/UPS (PCB + 5 m cable)

NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment.

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UPS - trifase on line doppia conversione VFI

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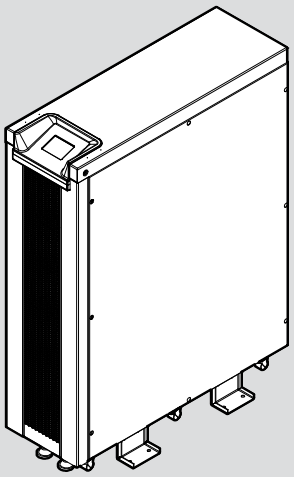

KEOR T EVO

Conventional UPS - Three-phase On-line double conversion VFI

Characteristics

General characteristics	KEOR T EVO 10	KEOR T EVO 15	KEOR T EVO 20
Nominal power (kVA)	10	15	20
Active power (kW)	10	15	20
Technology	On-line double conversion VFI-SS-111		
Waveform	Sinusoidal		
Architecture	Stand Alone or Distributed Parallel up to 4 units		
Input characteristics			
Input voltage	380, 400, 415 V Ph+N+PE		
Input frequency	45-65 Hz		
Input voltage range (Ph-Ph)	half load 208 -459 / full load 358-459V		
THD of input current	<5% at full load		
Compatibility with diesel generators	Configurable for synchronization between the input and output frequencies, even for high frequency variations		
Input power factor	> 0,99		
Output characteristics			
Output voltage	380, 400, 415 V 3F+N (Adjustable from Front Panel)		
Efficiency	up to 95%		
Efficiency in Eco mode	up to 98,5%		
Output frequency (nominal)	50 /60 Hz ±0,01% (Adjustable from Front Panel)		
Crest factor	up to 3:1		
THD of output voltage	<2% (at full linear load)		
Output power factor	1		
Output voltage tolerance	±1%		
Overload capability	10 min. 125%, 60 sec. 150%		
Bypass	Built-in Automatic and Maintenance By-pass		
Batteries			
Battery type	VRLA - AGM Maintenance-free		
Internal Battery	Yes		
Battery Test	Automatic or manual		
Battery Recharge Profile	IU (DIN41773)		
Communication and management			
LCD Display	Touch screen, led bar status, live synoptic view for real time		
Communication Ports	RS232, GenSet, Programmable 4 Relay Contacts, ModBus		
Back Feed Protection	Embedded		
Audible Alarm	Acoustic alarms and warnings		
Net Interface Slot	yes for optional SNMP card		
Emergency Power Off (EPO)	Yes		
Remote Management	Available		
Physical characteristics			
Dimensions H x W x D (mm)	1020 x 265 x 800		
Net Weight (kg)	78	79	84
Ambient conditions			
Operating temperature (°C)	0÷40		
Relative humidity (%)	20÷95% not condensing		
Protection index	IP20		
Acoustic Noise at 1m; 50%load (dBA)	< 51		
Compliance			
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3		