

KEOR HPE 60-80-100-125-160-200-250-300

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

Characteristics

General characteristics	60	80	100	125	160	200	250	300
Nominal power (kVA)	60	80	100	125	160	200	250	300
Active power (kW)	60	80	100	125	160	200	250	300
Technology	On-line double conversion VFI-SS-111							
Waveform	Sinusoidal							
Architecture	Conventional UPS, parallelable up to 6 unit							
Input characteristics								
Input voltage	380-400-415 V 3Ph+N							
Input frequency	50-60 Hz (45÷65Hz)							
Input voltage range	400 V -20% / + 15%							
THD of input current	< 3%							
Compatibility with diesel generators	Configurable for synchronism between the input and output frequencies, even for the highest frequency variations							
Input power factor	> 0,99							
Output characteristics								
Output voltage	380, 400, 415 V 3Ph+N							
Efficiency	up to 96%							
Output frequency (nominal)	50 /60 Hz							
Crest factor	3:1							
THD of output voltage	<1% (with linear load), <5% (with non-linear load)							
Output voltage tolerance	± 1% (with balance load)							
Overload capacity	10 minutes at 125%, 30 seconds at 150%, 0,1 seconds >150%				10 minutes at 110%, 5 minutes at 125%, 30 seconds at 150%, 0,1 seconds >150%			
Efficiency in Eco mode	99%							
Bypass	Built-in Automatic and Maintenance Bypass							
Batteries								
Back-up time with internal battery (mins)	12	11	-	-	-	-	-	-
Back-up time extension	Scalable with additional battery cabinets							
Battery type	VRLA - AGM Maintenance-free Lead Acid Batteries							
Battery test	Automatic or manual							
Battery Recharge Profile	IU (DIN41773)							
Communication and management								
LCD Display	LCD and LED Display to show status at a glance. Four menu-driven interface buttons. (Display touch 7" optional)					Display touch 10" to show status at a glance.		
Communication Ports	voltage free relay contacts, RS232, USB, Net Interface Slot (Opzionale: Mod-Bus RS484, SNMP-Ethernet)							
Audible Alarm	Acoustic alarms and warnings, configurable delays							
Emergency Power Off (EPO)	Yes							
Remote Management	Available							
Battery temperature probe	yes							
Mechanical characteristics								
Dimensions H x W x D (mm)	1800 x 560 x 940					1975 x 850 x 953	1975 x 850 x 953	1975 x 850 x 953
Net Weight (kg)	250	300	320	360	380	720	850	900
Ambient conditions								
Operating temperature (°C)	0÷40							
Relative humidity (%)	< 95% not condensing							
Protection index	IP20							
Noise at 1 m (dBA)	< 60					< 65		
Certifications								
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3							