

# RHEINE



## On - Line, 10-15-20-30 kVA

In today's corporations, with their widespread use of information systems, networks and telecommunications, the quality of the power supply is as essential as its continuity. Insufficient or excess voltage, noise, fluctuations in frequency and wave distortion can be as harmful to modern electronic devices as power outages. On-line dual conversion technology supplies protected devices with perfectly dependable sinusoidal energy, no matter what the quality of the incoming power supply, offering the best form of protection for all critical loads. Rhein uses this technology to offer the best possible protection for your critical systems. Connectivity is important too, and Rhein offers communication services (through DB-9 port or the optional SNMP card) which interface with EKA's Multilink software to permit UPS monitoring and automatically turn off systems on the various different platforms it supports.

## Features:

- True on-line, double conversion design
- 3-phase input/3 or 1-phase output
- Scalable power capability (3-phase output version)
- Scalable internal battery
- Advanced internal monitoring and control
- High performance design
- High efficiency EcoMode
- Support 3:1 crest factor loads without derating
- Static and maintenance bypass
- LCD user interface
- Internal Intellislot port for SNMP card option
- 1 year warranty



Uninterruptible Power Supply

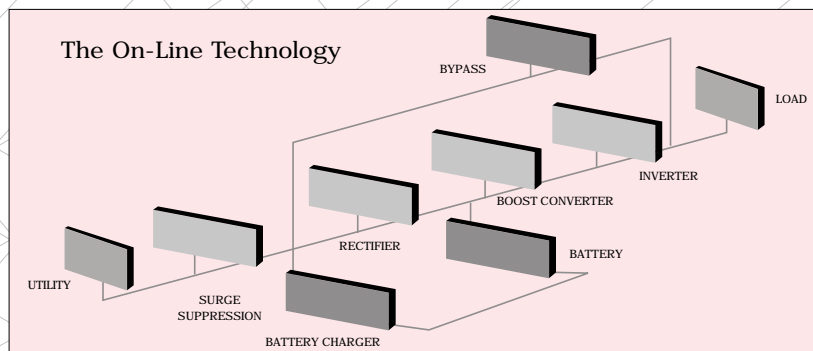
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## TECHNICAL SPECIFICATIONS

MODEL	RH 310	RH 315	RH 320	RH 330
Nominal Rating kVA	10kVA	15kVA	20kVA	30kVA
Nominal Rating kW	8kW	12kW	16kW	24kW
Output Power Factor	0,8			
Typical Autonomy	7-10 mm			
<b>INPUT</b>				
Voltage Range	300V-480V			
Full Recharge Capability	330V-480V			
Frequency Range	50/60Hz ±20%			
Power Factor	0,95			
<b>OUTPUT</b>				
Voltage	220,230,240V (1-phase output)/380,400,415V (3-phase output)			
Voltage Stability	Static balanced load 1% Dynamic (100%load step)5%			
Voltage Distortion (THD)	<3%(linear load) <5%(3:1 crest factor load)			
Frequency	Nominal 50 /60Hz Synchronisation range 1 -4%adjustable Free-running stability 0.005%			
Load Crest Factor	3:1 at full load without derating			
Overload	125%for 10 minutes,150%for 10 seconds			
<b>PHYSICAL</b>				
Size (WxDxH)	530 x 950 x 1220 mm			
Weight (Without Battery)	185 kg	185 kg	185 kg	185 kg
(With Battery)	275 kg	365 kg	365 kg	455 kg
Communications	SNMP -Serial -Contact Closure			
Operating Temperature	0 °-40 °C (20 °C for optional battery lifetime)			
Audible Noise at 1 metre	<52 dBA			
<b>STANDARDS</b>				
Safety	EN50091-1-1			
EMC	EN50091-2 Class A			
<b>EXTERNAL BATTERY CABINET</b>				
	10kVA	15kVA	20kVA	30kVA
Dimensions (WxLxH)[mm ]	740x950x1220			
Typical Autonomy Time[ <sub>min</sub> ]	65 /125	35 /75	25 /50	15 /30
Weights (with batteries)[kg ]	600/900			

All specifications subject to change without notice. Consult EKA's technical support department for special applications. All names used above are registered trademarks of their respective owners.



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