



VIRA E 100R Series

E 100R Series Technical Specifications

1 - 3 kVA 1 Phase Input - 1 Phase Output (HF) Rack Type Online UPS

MODEL	E 100R 101R	E 100R 101RL	E 100R 102R	E 100R 102RL	E 100R 103R	E 100R 103RL
Rated Power (kVA)	1		2		3	
Active Power (kW)	0,9		1,8		2,7	
INPUT						
Rated Power	200/208/220/230/240 Vac (1P+N+PE)					
Voltage Range	110~300@0-60% Rated Load		160~300@61-100% Rated Load			
Operating Frequency Range	50Hz: 45-55Hz 60Hz: 54-66Hz (Auto Sensing)					
Power Factor	0,99@Nominal Voltage (%100 Load)					
OUTPUT						
Rated Voltage	200/208/220/230/240 Vac (1P+N+PE)					
Voltage Regulation	±1%					
Frequency	Line 45-55 Hz or 56-64 Hz (Synchronized Range) Battery 50/60±0,1 Hz					
Waveform	Pure Sine Wave					
Voltage Distortion (THDv)	<3%(Linear Load); <6% (Non-Linear Load)					
Power Factor	0,9					
Crest Factor	3:1					
Efficiency	Line Mode	88%		89%		90%
	Battery Mode	83%		85%		86%
SYSTEM FEATURES						
UPS Type / Technology	Rack Mount Type / True Online Double Conversion					
Transfer	AC - Battery	Zero				
Time	INV - Bypass	4 ms (Typical)				
Management	RS-232/USB	Supports Windows • 2000/2003XP/2008 Windows 7/8, Linux, FreeBSD and MAC				
	Optional SNMP	Power Management from SNMP Manager and Web Browser				
LCD Indicators	Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode, and Fault Indicators					
Audible Alarms	Battery Mode, Fault, Overload, Battery Low,					
BATTERY						
Standart Model (KR)	Battery Type	3x12V/9Ah		4&6 x12V/9 Ah		6&8 x12V/9 Ah
	Recharge Time	4 hours recover to 90% capacity				
	Charge Current	1.0 A				
	Charge Voltage	27,4Vdc ± %1		54,7 Vdc ± %1		82,1 Vdc ± %1
Long Back-up Model (KRL)	Charge Current	6 A/12A (Double Board)				
	Charge Voltage	27,4Vdc ± %1		54,7 Vdc ± %1		82,1 Vdc ± %1
ENVIRONMENT						
Operating Temperature	0°C ~ 50°C					
Storage Temperature	-25°C ~ 55°C					
Relative Humidity	20-90@0°C - 40°C (non-condensing)					
STANDARDS						
LVD (Safety)	IEC/EN 62040-1/IEC/EN 60950-1					
EMC	IEC/EN62040-2/IEC61000-4-2/IEC61000-4-3/IEC61000-4-4/IEC61000-4-5/IEC61000-4-6/IEC61000-4-8					
PHYSICAL						
Dimensions (WxDxH)(mm)	Standart KR	440X430X86,5		440x552x86,5		440x710x86,5
	Long KRL	440X430X86,5		440x552x86,5		
Weight (kg)	Standart KR	13,9	N/A	20,1	N/A	23,3 N/A
	Long KRL	8,2		N/A	10,9	N/A 11,3



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