

**EGE 100KR Series**

**Ege 100KR Series Technical Specifications**  
1-10 kVA 1 Phase Input - 1 Phase Output (HF) Rack Type Online UPS



MODEL	EGE 101KR	EGE 101KRL	EGE 102KR	EGE 102KRL	EGE 103KR	EGE 103KRL
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	2x12V/9Ah	4x12V/9 Ah	6x12V/9 Ah		
	Recharge Time	4 hours recover to 90% capacity				
	Charge Current	1.0 A				
Long Back-up Model (KRL)	Charge Voltage	27,4Vdc±%1	54,7 Vdc±%1	82,1 Vdc±%1		
	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 ~ 40 °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

**FEATURES**

- Rack / Tower Convertible Design
- Mimic LCD Display May be Rotated by Simply Pushing Front Button
- True Online Double Conversion
- High Output Power Factor at 0.9PF
- Comprehensive Display Allows Easy Monitoring and Access of UPS Status
- Smart SNMP works with either USB or RS-232 together
- Hot-Swappable Battery
- Efficiency up to 90%
- Estimated Remaining Time Displayed on the LCD
- Support Economic (ECO) Operation Mode
- Matching Battery Pack
- Optional Powerful Charger
- Cold Start
- Power Shedding May Turn off Uncritical Load In Battery Backup
- Emergency Power Off
- Frequency Converter Mode Is Settable

**ONLINE UPS**

EGE 100KR series online intelligent UPS, adopts DSP all-digital control technology, with more Excellent output index and multi term innovation design, able to provide full protection for high-performance serve, internet equipment telecommunication system, industry process and other key equipment. Tower and Rack Mount conversion function design, greatly improve the UPS adaptability to the Installation modes.