

RACK MOUNT UPS

RELIABLE POWER BACKUP
FOR SMART INFRASTRUCTURE



EPU SERIES 100KR 1-3 kVA UPS



Pure Sine
Wave Output



Intelligent
Microprocessor
Control



Fast Charging
System



Overload & Short
Circuit Protection



Smart LCD
Display

ONLINE UPS

EPU 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 server, 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.

EPU100KR Series Technical Specifications 1-3 kVA 1 Phase Input - 1 Phase Output (HF) Rack Type Online UPS

MODEL	EPU 101KR	EPU 101KRL	EPU 102KR	EPU 102KRL	EPU 103KR	EPU103KRL
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				
Long Back-up Model (KRL)	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 ~ 40 °C					
Storage Temperature	-25°C ~ 55°C					
Relative Humidity	20-90@0°C - 40°C (non-condensing)					
STANDARDS						
VD (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)	Standat KR	440X430X86,5		440x552x86,5		440x710x86,5
	Long KRL	440X430X86,5		440x552x86,5		
Weight (kg)	Standat 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

ESIS Power Energy reserves the right to modify these details at any time without prior notification.