-Online Rack-tower UPS-UCR Series 6~10kVA 3:1phase PF:0.9

KSTAR



Battery Cabinets (Optional)



Control Panel



Rack-Tower convertible The LCD panel can be rotated

Features

- · True double-conversion
- · Rack-mounted and floor-standing tower can be convertible
- \cdot $\,$ LCD panel can be rotated according to the type of deployment
- · DSP technology guarantees high reliability
- · N+X parallel redundancy
- · Compatible with 3 phases and single phase input
- · Selectable quantity of battery for each group:16/18/20 pieces
- · Adjustable charging current via LCD
- · 3-stage charging design optimizes battery performance
- · ECO mode operation for energy saving
- · Self-diagnosis at startup
- · Emergency power off function(EPO)
- · Maintenance bypass is convenient for maintenance
- · Generator compatible
- · PDU is convenient for connecting load
- Communications:RS-232,USB,SNMP card(Optional), Relay card (Optional)
- · Cold start

Technical Specifications

MODEL		UCR60L	UCR100L
Capacity (VA/Watts)		6K / 5.4K	10K / 9K
INPUT			1
Nominal Volta	age	380/400/415Vac(3Ph+N+PE) or 220/230/240Vac(L+N+PE)	
Operating Voltage Range		208~478Vac or 120VAC-276Vac	
Operating Frequency Range		50Hz; 45~55Hz, 60Hz; 54~66Hz	
Power Factor		≥0.99	
			Optional +10%,+15%,+20%)
		230V: +20%(Optional +10%,+15%)	
Bypass Volta	age Range	240V: +15%(Optional +10%)	
		Min. voltage: -45% (Optional -20%,-30%)	
ECO Range		Same as bypass	
	stortion (THDi)	<5%(100% non−linear load)	
OUTPUT			
Output Voltag	ne	220/230)/240Vac
Power Factor		0.9	
Voltage Regulation		±1%	
	Line Mode		of the rated frequency(Optional)
Frequency	Bat. Mode		±0.1)Hz
Crest Factor		3:1	
		≤2% with linear load	
Harmonic Dis	stortion (THDv)	Startin non-linear load	
Waveform		Software Sector	
Transfer Tim	0	Utility to Battery : 0ms; Utility to Bypass: 0ms	
EFFICIENC		Offinity to Battery . Only, Office to Bypass. Only	
Efficiency	1	Up to 94%	
BATTERY		00 10 94 %	
Battery Voltage		Selectable Voltage: ±96/108/120Vdc	
Typical Recharge Time		6~8 hours (To 90% capacity)	
Charging Current		Maximum current 10A	
PROTECTIO		Land 405% Last Engine 4450% Last 4	wine AFON/ 200 methods have been see the
Overload	Line Mode		nin; > 150% 200ms turn to bypass mode
Short Circuit	Bypass Mode	40A(Input breaker)	63A(Input breaker)
		Hold Whole System	
Overheat Battery Low		Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately Alarm and Switch off	
	00	Aldini and	a Switch on
		Line Feiture Detterriter	Overland Overlage Fault
Audible & Visual Alarms		Line Failure, Battery Low, Overload, System Fault	
Status LED & LCD Display		Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault	
	On The LCD Panel	The mount and the mount of the teal ency Load Level Batt	and and Inner Temperature & Remaining Better / Dealing Time
		input output volago, input output i roquonoj, zoda zovol, bala	ery Level, Inner Temperature & Remaining Battery Backup Time
MANAGEM			
Communicati	ion Interface		ery Level, Inner Temperature & Remaining Battery Backup Time card(Optional), Relay card (Optional)
Communicati ENVIRONM	ion Interface IENT	RS-232,USB,Parallel card, SNMP	card(Optional), Relay card (Optional)
Communicati ENVIRONM Operating Te	ion Interface IENT emperature	RS-232,USB,Parallel card, SNMP	card(Optional), Relay card (Optional)
Communicati ENVIRONM Operating Te Storage Tem	ion Interface IENT emperature pperature	RS-232,USB,Parallel card, SNMP 0~ -25	card(Optional), Relay card (Optional) 40°C ~ 55°C
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar	ion Interface IENT emperature pperature	RS-232,USB,Parallel card, SNMP 0~ -25- 0~95% (Nor	card(Optional), Relay card (Optional) 40°C - 55°C i–condensing)
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude	ion Interface IENT emperature pperature	RS-232,USB,Parallel card, SNMP 0~ -25- 0 ~ 95% (Nor < 15	card(Optional), Relay card (Optional) 40°C ~55°C –condensing) 500m
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level	ion Interface IENT emperature pperature	RS-232,USB,Parallel card, SNMP 0~ -25- 0 ~ 95% (Nor < 15	card(Optional), Relay card (Optional) 40°C ~55°C n-condensing)
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL	ion Interface IENT mperature perature nge	RS-232,USB,Parallel card, SNMP 0 ~ -25 0 ~ 95% (Nor <11 <5	card(Optional), Relay card (Optional) 40°C ~ 55°C condensing) 500m 5dB
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W	ion Interface IENT Imperature Inge / × D × H (mm)	RS-232,USB,Parallel card, SNMP 0~ -25 0~95% (Nor <15 <5 443 × 580	card(Optional), Relay card (Optional) 40°C - 55°C condensing) 500m 5dB × 131(3U)
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (H	ion Interface IENT Imperature Iperature Inge / × D × H (mm) kg)	RS-232,USB,Parallel card, SNMP 0 ~ -25 0 ~ 95% (Nor <11 <5	card(Optional), Relay card (Optional) 40°C ~ 55°C condensing) 500m 5dB
Communicati ENVIRONM Operating Te Storage Term Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (F STANDARE	ion Interface IENT Imperature Iperature Ige /×D×H (mm) kg) OS	RS-232,USB,Parallel card, SNMP 0~ -25- 0~95% (Nor < 15 <5 443 × 580 30	card(Optional), Relay card (Optional) 40°C ~55°C -condensing) 500m 5dB 1×131(3U) 31
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (H STANDARE Noise Suppres	ion Interface IENT Imperature Iperature Ige /×D×H (mm) kg) OS	RS-232,USB,Parallel card, SNMP 0~ -25: 0~95% (Nor < 15 <5 443 × 580 30 Complies wit	card(Optional), Relay card (Optional) 40°C - 55°C condensing) 500m 5dB 1× 131(3U) 1 31 h EN62040-2
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (H STANDARE	ion Interface IENT Imperature Iperature Ige /×D×H (mm) kg) OS	RS-232,USB,Parallel card, SNMP 0 ~ -25 0 ~ 95% (Nor < 15 443 × 580 30 Complies wit IEC/EN62040-1	card(Optional), Relay card (Optional) 40°C - 55°C condensing) 500m 5dB 0 × 131(3U) 1 31 h EN62040-2 ,IEC/EN60950-1
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (H STANDARE Noise Suppre Safety	ion Interface IENT Imperature Iperature Ige /×D×H (mm) kg) OS	RS-232,USB,Parallel card, SNMP 0 ~ -25- 0 ~ 95% (Nor < 15 443 × 580 30 Complies wit IEC/EN62040-1 IEC/EN62040-2,IEC61000-4-2	card(Optional), Relay card (Optional) 40°C - 55°C condensing) 500m 5dB × 131(3U) 1 31 h EN62040-2 ,IEC/EN60950-1 2,IEC61000-4-3,IEC61000-4-4,
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (I STANDARD Noise Suppre Safety EMC	ion Interface IENT Imperature Ipperature Imperatur	RS-232,USB,Parallel card, SNMP 0 ~ -25- 0 ~ 95% (Nor < 15 443 × 580 30 Complies wit IEC/EN62040-1 IEC/EN62040-2,IEC61000-4-2	card(Optional), Relay card (Optional) 40°C - 55°C condensing) 500m 5dB 0 × 131(3U) 1 31 h EN62040-2 ,IEC/EN60950-1
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (H STANDARE Noise Suppre Safety	ion Interface IENT Imperature Ipperature Imperatur	RS-232,USB,Parallel card, SNMP 0 ~ -25- 0 ~ 95% (Nor < 15 443 × 580 30 Complies wit IEC/EN62040-1 IEC/EN62040-2,IEC61000-4-2	card(Optional), Relay card (Optional) 40°C - 55°C condensing) 500m 5dB × 131(3U) 1 31 h EN62040-2 ,IEC/EN60950-1 2,IEC61000-4-3,IEC61000-4-4,
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (I STANDARD Noise Suppre Safety EMC	ion Interface IENT Imperature Ipperature Imperatur	RS-232,USB,Parallel card, SNMP 0~ -25- 0~95% (Nor <15 443 × 580 30 Complies wit IEC/EN62040-2,IEC61000-4-2 IEC61000-4-5,IEC610 E&BR	card(Optional), Relay card (Optional) 40°C 55°C condensing) 500m 5dB × 131(3U) A EN62040-2 _IEC/EN60950-1 2,IEC61000-4-3,IEC61000-4-4, 000-4-6,IEC61000-4-8 ± 120V
Communicati ENVIRONM Operating Te Storage Tem Humidty Rarr Altitude Noise Level PHYSICAL Dimension W Net Weight (H STANDARE Noise Suppre Safety EMC BATTERY F Model	ion Interface IENT Imperature Ipperature Imperatur	RS-232,USB,Parallel card, SNMP 0~ -25- 0~95% (Nor <15 443 × 580 30 Complies wit IEC/EN62040-2,IEC61000-4-2 IEC61000-4-5,IEC610 E&BR	card(Optional), Relay card (Optional) 40°C - 55°C - condensing) 500m 5dB × 131(3U) 1 31 h EN62040-2 ,IEC/EN60950-1 2,IEC61000-4-3,IEC61000-4-4, 100-4-6,IEC61000-4-8
Communicati ENVIRONM Operating Te Storage Tem Humidity Rar Altitude Noise Level PHYSICAL Dimension W Net Weight (H STANDARE Noise Suppre Safety EMC BATTERY F Model Battery type8	ion Interface IENT IENT Imperature Iperature Impe	RS-232,USB,Parallel card, SNMP 0~ -25: 0~95% (Nor <15 443 × 580 30 Complies wit IEC/EN62040-2,IEC61000-4-2 IEC61000-4-5,IEC610 EXBR 7Ah × 20	card(Optional), Relay card (Optional) 40°C 55°C

Specifications are subject to change without prior notice.