

KU+RT Series Rack Online UPS 10-40kVA (380V/400V/415V)

The KU+RT Series Rack is double conversion online UPS with fully DSP controlled technology. With its flexible configuration of 3/3 and 3/1, compact design, it's the ideal choice for modern data center.



Application

IDC(Internet Data Center), network servers and workstation, control system, communication system, office, PC etc

Features

- **Rack Design**
Rack design, compatible with 19" standard rack cabinet, convenient to be integrated with servers
- **Friendly Interface**
5.5" touch color LCD with graphic display, more information displayed and easier for customer to operate
- **Flexible configuration**
The system can be configured to 3/3 and 3/1
- **Intelligent charging management**
The system intelligently control the whole process of the charging and discharging, effectively improving the life time of the battery

Specification

MODEL	KU+33010RT	KU+33015RT	KU+33020RT	KU+33025RT	KU+33030RT	KU+33040RT
System Capacity	10kVA/10kW	15kVA/15kW	20kVA/20kW	25kVA/25kW	30kVA/30kW	40kVA/40kW
Input	Dual Input	Standard				
	Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)				
	Input Voltage Range	304~478Vac (line-line),full load; 228V~304Vac (line-line),load decreases linearly according to the min phase voltage				
	Rate Frequency	50/60Hz				
	Input Frequency Range	40Hz ~ 70Hz				
	Input PF	>0.99				
Bypass	Input THDi	<4% (100% Linear load)	<3% (100% Linear load)			
	Rate Voltage	380/400/415Vac (line-line)				
	Rate Frequency	50/60Hz				
	Input Voltage Range	Settable, -40% ~ +25%				
	Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz				
Output	Bypass Overload	125% long term operation; 130% for 10 mins; 150% for 1 min, >150% for 1s				
	Rate Voltage	380/400/415Vac (line-line)				
	Voltage Regulation	1% for balance load; 1.5% for unbalance load				
	Rate Frequency	50/60Hz				
	Frequency Precision	0.1%				
	Output PF	1				
	Output THDu	<1% , Linear load; <5.5% , Non-linear load	<1.5% , Linear load; <6% , Non-linear load			
	Crest Factor	3:1				
Battery	Inverter Overload	110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms				
	Voltage	±240Vdc				
	Battery Number	40pcs (Settable: even number from 32 to 44)				
	Voltage Precision	±1%				
	Charge Power	up to 20% * Output active power				
System	Battery Cold Start	Standard				
	Efficiency	AC Mode	95%	95.5%	96%	
		ECO Mode		98%		
		Battery Mode	94.5%	95%	95.5%	
	Display	LCD + LED + keyboard				
	IP Class	IP 20				
	Interface	RS232, RS485, Programmable Dry Contact				
	Option	LBS for KU+33020RT and KU+33025RT SNMP Card, Parallel kit, USB				
	Temperature	Operation: 0 ~ 40 °C Storge: -40 ~ 70 °C				
	Relative Humidity	0 ~ 95% Non-condensing				
Altitude	<1000m. Within 1000m to 2000m, 1% power derating for every 100m rise					
Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load					
Applicable Standards	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3					
Physical	Weight (kg)	25	30	41		
	Dimension W*D*H (mm)	438*780*130	438*780*130	438*700*174		

