



EPC-RL33 Series Rack Online UPS 10-20kVA

MODEL		EPC-R33010CL	EPC-R33020CL	
Power Rating		10kVA	20kVA	
Dual input		Standard		
Input	Rated Input Voltage	200VAC ~ 220VAC 3Ph+N+PE		
	Input Voltage Range	166~261Vac (Line-Line), full load; 125V~166Vac (Line-Line), load decrease linearly according to the min phase voltage		
	Input Frequency Range	40Hz ~ 70Hz (Configurable)		
	Input Power Factor	>0.99		
	Input Current THDi	<4% (full Linear Load)	<3% (full Linear Load)	
Bypass	Rated Bypass Voltage	200VAC ~ 220VAC		
	Rated Frequency	50/60Hz (configurable)		
	Bypass Voltage Range	Selectable, default -20%~+15%		
		Up limited: +10%, +15%, +20%, +25%		
		Down limited: -10%, -15%, -20%, -30%, -40%		
	Bypass Frequency Range	Selectable, ±1Hz, ±3Hz, ±5Hz		
Bypass Overload	125% Long term operation, 130% for 10min, 150% for 1min, 400% for 1s, >400%, less than 200ms			
Output	Rated Inverter Voltage	200~220VAC		
	Rated Frequency	50/60Hz (configurable)		
	Output Power Factor	0.9		
	Voltage precision	±1% for balance load; ±1.5% for unbalance load		
	Transient Response	<5% for step load (20% - 80% -20%)		
	Transient recovery	< 30ms for step load (0% - 100% -0%)		
	Output Voltage THDu	<1%, linear load;	<1.5%, linear load;	
		<5.5%, Non-linear load	<6%, Non-linear load	
	Crest Factor	3:1		
	Inverter Overload	110% for 60min; 125% for 10min; 150% for 1min; >150% for 200ms		
	Frequency Regulation	50/60Hz±0.1%		
	Synchronized Range	Settable, ±0.5Hz ~ ±5Hz, default ±3Hz		
Synchronized Slew Rate	Settable, 0.5Hz/S ~ 3Hz/S, default 0.5Hz/S			
Battery and Charger	Battery Rate Voltage	±120VDC		
	Battery Number	20pcs		
	Charger Voltage precision	±1%		
	Charger Power	Up to 20% *Output active power		
	Battery cold start	Standard		
Efficiency	Normal Mode	>93%	>93.5%	
	ECO Mode	98%		
	Battery Mode	>92.5%	>93%	



MODEL		EPC-R33010CL	EPC-R33020CL
Power Rating		10kVA	20kVA
System	Display	LCD+LED + touch screen	
	Interface	Standard:RS232, RS485, Programmable dry contact	
	Option	SNMP, parallel kit & USB	SNMP, parallel kit & USB, LBS
	IP Class	IP 20	
	Operation Temperature	0 ~ 40 °C	
	Storage Temperature	-40 ~ 70 °C	
	Relative Humidity	0 ~ 95% non-condensing	
	Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load	
	Altitude	<1000m. Within 1000m to 2000m, power derate 1% for every 100m rise	
Physical	Module Dimension (W*D*H) mm	485*750*130	
	Module Weight (kg)	25KG	30KG

