INVERTRONS

HR33 Series Rack Mounted Online UPS

10-25KVA (380V/400V/415V)



Description:

HR33 Series Rack Mounted is double conversion online UPS with fully DSP controlled technology. With it's flexible configuration of 3/3 and 3/1, compact design, it's the ideal choice for modern data center.

Features:

- **Rack Mounted Design, compatible with 19" rack**
- **Friendly interface with 5.5" touch color LCD**
- **Flexible configuration, 3/3 and 3/1**

SPESIFICATION

MODEL			HR33010CL	HR33015CL	HR33020CL	HR33025CL
System Capacity			10KVA	15KVA	20KVA	25KVA
Input	Dual Input		Standard			
	Phase		3 Phases + neutral + Ground, 380V/400V/415V (Line-line)			
	Input Voltage Range		304-478Vac (line-line), full load; 228-304Vac (line-line), load decreases linearly according to the min phase voltage			
	Rate Frequency		50/60Hz			
	Frequency Range		40Hz ~ 70Hz			
	Input PF		>0,99			
	THDi		THDi<4% @100% Linear load		THDi<3% @100% Linear load	
Bypass	Rate Voltage		380V/400V/415V (Line to Line)			
	Rate Frequency		50/60Hz			
	Input Voltage Range		Settable, -40% - +25%			
	Bypass Frequency Range		Settable, ±1Hz, ±3Hz, ±5Hz			
	Bypass Overload		125% Long term operation; 130% for 10 mins; 150% for 1 min;>150% for 300ms			
Output	Rate Voltage		380V/400V/415V (Line to Line)			
	Voltage Regulation		1% for balance load, 1.5% for unballance load			
	Rate Frequency		50/60Hz			
	Frequency Precicion		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			
	Inverter Overload		110% for 1 hour; 125% for 10 mins; 150% for 1 min;>150% for 200ms			
Battery	Voltage		±240VDC			
	Battery Number		40pcs (Settable : even number from 32 to 44)			
	Voltage Precicion		±1%			
	Charge Power		up to 20% Output active power			
	Battery Cold Start		Standard			
System	Efficiency	AC Mode	95%		95.5%	
		ECO Mode	98.0%			
		Battery Mode	94.5%		95%	
	Display		LCD + LED + Keyboard			
	IP Class		IP20			
	Interface		RS232, RS485, Programmable Dry contacts			
	Options		LBS for HR33020CL and HR33025CL, SNMP Card, parallel kit, USB			
	Temperature		0~40°C/-40~70°C			
	Relative Humidity		0~95%(non-condensing)			
	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	
	Dimension (WxDxH) mm		485*750*130			

CE