



IPC Mühendislik Elektrik Elektronik San. ve Tic. Ltd. Şti.

## HR33 Series Rack Online UPS 15-25KVA (380V/400V/415V)



The HR33 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 colour 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.



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## **TECHNICAL SPECIFICATIONS**

<b>MPDEL</b>	<b>HR33015C</b>	<b>HR33020C</b>	<b>HR33025C</b>
Power Rating	15KVA/15KW	20KVA/20KW	25KVA/25KW
<b>Main</b>			
Input	3 P + N+ PE		
Rate Voltage	380/400/415VAC (line-line)		
Rate Frequency	50/60Hz		
Input Voltage Range	304~478Vac (line-line), full load 228V~304Vac (line-line), full load; 228V~304Vac(line-line), derate from 75% to 100% load		
Input Frequency Range	40Hz~70Hz		
Input PF	>0.99		
Input THDi	<3% (100% Linear Load)		
<b>Bypass</b>			
Rate Voltage	380/400/415Vac (line-line)		
Rate Frequency	50/60Hz		
Input Voltage Range	Selectable, -40%~+25%		
Bypass Frequency Range	Selectable, $\pm 1$ Hz, $\pm 3$ Hz, $\pm 5$ Hz		
Bypass Overload	100%, Long time;125%,5mins;150%,1min;>150%,1s		
<b>Output</b>			
Rate Voltage	380/400/415Vac (line-line)		
Rate Frequency	50/60Hz		
Output PF	1		
Output THDu	<1%, Linear load;<6%, Non-linear load (IEC/EN62040-3)		
Inverter Overload	110% for 1 hour;125% for 10 min;150% for 1min;>150% for 200ms		
<b>Battery</b>			
Battery number	$\pm 240$ VDC		
Charger Accuracy	1%		
Charger Capacity	up to 20% *Output power		
Battery Cold Start	Yes		
<b>Efficiency</b>			
AC Mode	>96.0%		
Battery Mode	>95.5%		
System			
Display	LED + LCD+Touch Screen		
Interface	RS232, RS485, Programmable dry contact		
Option	SNMP Card, Parallel, SPD		
<b>Environmental</b>			
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		
Physical data			
Dimension W*D*H (mm)	438*780*130	438*780*130	438*780*130
Weigh (kg)	30	30	30