

CNH310R SERIES RACK ONLINE UPS 10-20kVA

10/15/20kVA

1Phase or 3Phase Input/1Phase Output



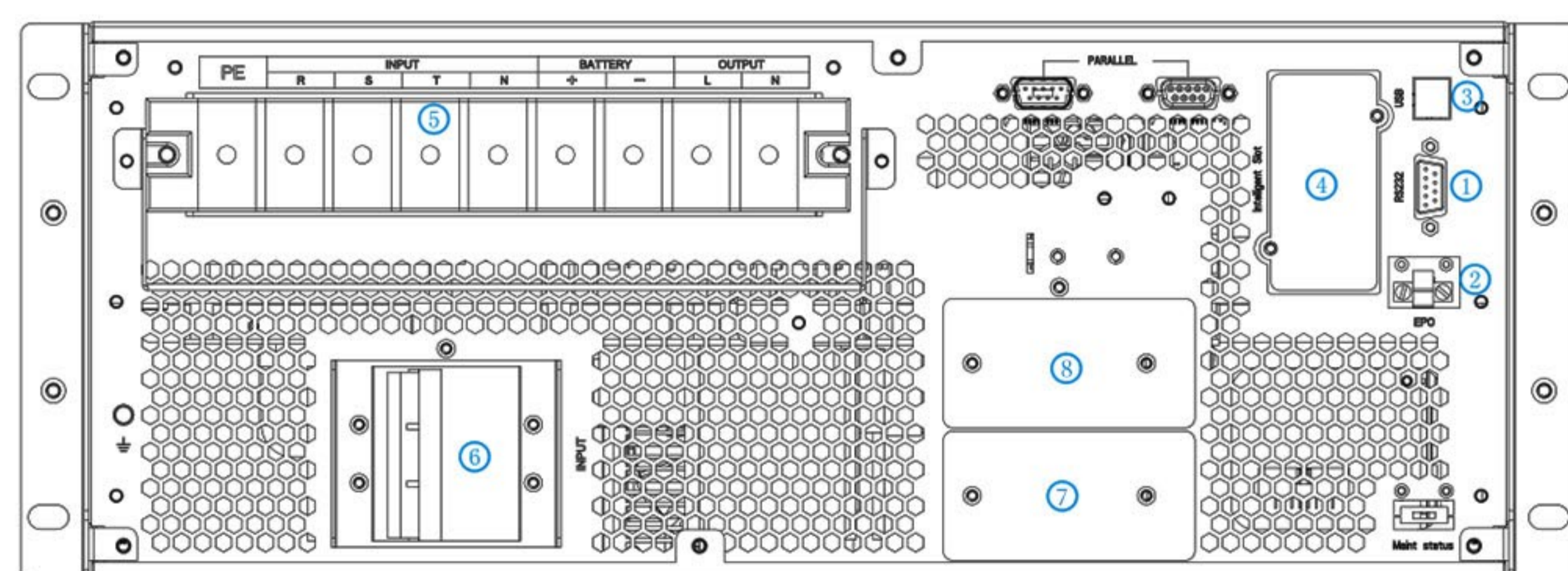
Features

- True online double-conversion technology
- Wide input voltage range
- DSP based technology
- Advanced PFC technology, input PF > 99%
- Cold start
- Lighting and surge protection
- LCD/LED display
- Support generator connection
- Smart slot for mission critical applications

Application

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

Rear Panel



10KS/15KS/20KS

- ① RS232 port
- ② EPO/ ROO (Remote ON OFF) Port
- ③ USB Port
- ④ Intelligent Slot for SNMP/MODBUS/DRY Contact Card Etc
- ⑤ Input and Output and Battery Terminal Block
- ⑥ AC Input switch
- ⑦ AC Output Switch
- ⑧ Maintenance Bypass Switch

Specifications

Model	CNH310R 10KS	CNH310R 15KS	CNH310R 20KS
		CNH110R 15KS	CNH110R 20KS
Capacity	10kVA/10kW	15kVA/15kW	20kVA/20kW
Input			
Rated Voltage	220/230/240Vac L+N+PE or 380/400/415Vac, 3Ph+N+PE		
Voltage Range	156~520Vac		
Frequency Range	40~70Hz		
Power Factor	≥0.99		
Output			
Rated Voltage	208/220/230/240Vac, L+N+PE		
Voltage Regulation	±1%		
Frequency	50/60Hz±0.1%		
THDu	≤2%(linear load); ≤7%(non-linear load)		
Transfer Time	Zero		
Waveform	Pure sine wave		
Crest Ration	3:1		
Overload Capacity (Line Mode)	105%~125% load, 10min; 126%~150% load, 1min; >150% load, 100ms		
Overload Capacity (Battery Mode)	105%~125% load, 1S; >126% load, 100ms		
Battery			
Battery Type	Sealed lead acid maintenance free		
Nominal Voltage	190Vdc / 240Vdc		
Battery Number	External		
Charging Current	1-12A		
Efficiency			
Line Mode	94%		
Battery Mode	92%		
ECO Mode	98%		
Communication			
Interface	Rs232/ USB/ SNMP card (optional) / Dry contact card (optional)		
Environment			
Operation Temperature	0~40°C		
Humidity	0~95% (non-condensing)		
Noise	≤55dB @ 1 meter away		
Altitude	Up to 1000m without derating		
Physical			
Dimensions (W*D*H) mm	440*612*173 (4U)	440*612*173 (4U)	440*612*173 (4U)
Weight (kg)	25.6	25.6	26.1

All specifications are subject to change without prior notice.



CNBR SERIES Battery Cabinet



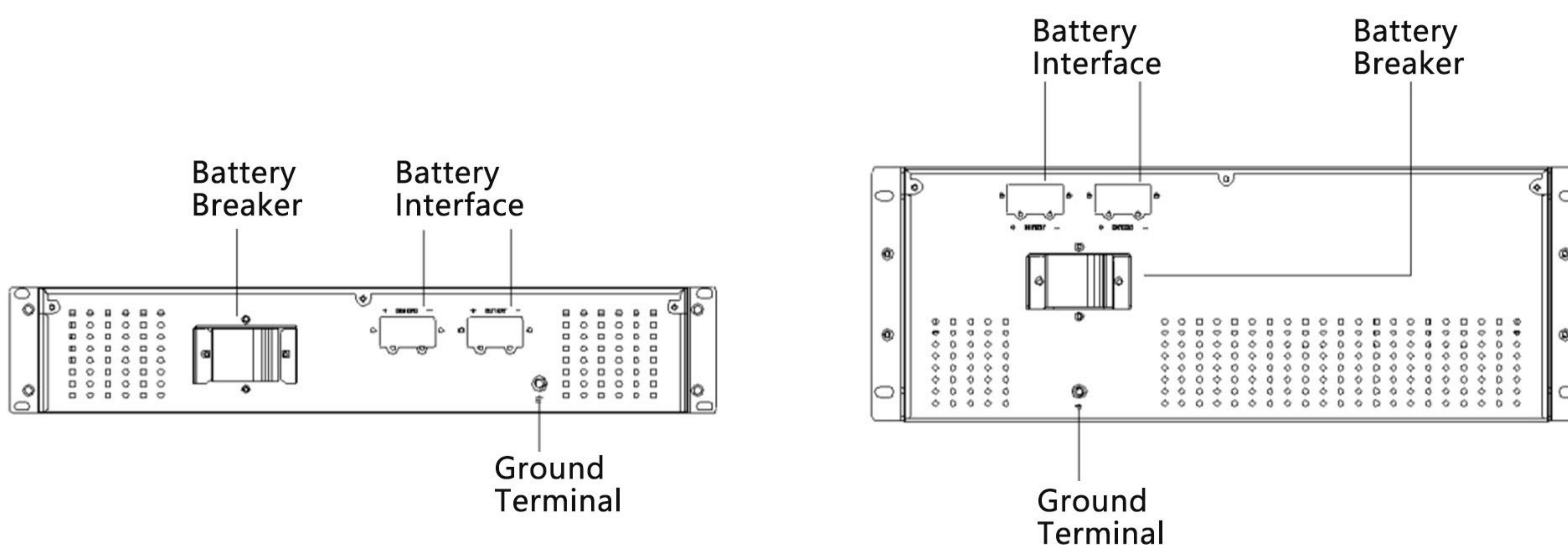
Introduction

The battery cabinets are made up with the plastic front-panels and the steel enclosures, they can perfectly match up with single phase 10-20KVA UPS.

Features

- The appearance of the battery cabinet is similar to the UPS's, looking nice
- Anderson terminals are used to connect the UPS and the battery cabinet, easy connection
- The battery cabinet is configured with the battery breaker, more safer in use

Rear Panel



Specifications

Model	Voltage of Battery String (Vdc)	Battery Quantity (pcs)	Battery Capacity (Ah)	Size of Battery Breaker (A)	Size of Battery Cable (AWG)	Weight (kg)	Dimension (W*D*H)mm
CNBR192-7AH-2U	192	16	7	63	10	48	440*767*86
CNBR192-9AH-2U	192	16	9	63	10	51	
CNBR192-7AH-4U	192	16	7	63	10	49	
CNBR192-9AH-4U	192	16	9	63	10	52	
CNBR192-7AH-4U-20K	192	16	7	125	6	50	
CNBR192-9AH-4U-20K	192	16	9	125	6	53	
CNBR240-7AH-4U	240	20	7	63	10	59	
CNBR240-9AH-4U	240	20	9	63	10	63	
CNBR240-7AH-4U-20K	240	20	7	125	6	60	
CNBR240-9AH-4U-20K	240	20	9	125	6	64	

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