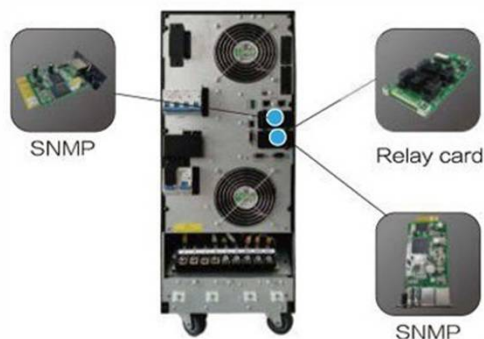


Capacity: 10~20kVA



## Features

- N+X parallel redundancy, support maximum 4 units in parallel
- Online double conversion with DSP control
- Optimization battery group, the quantity of battery: 16/18/20pcs (32~40pcs is optional)
- Wide input voltage range: 208~478Vac
- Wide input frequency range: 40Hz~70Hz
- Input current harmonic: <3%
- Dual input source (Optional)
- Maximum charging current up to 18A (Settable)
- Support 3/1 and 1/1 operation
- Generator compatible
- ECO mode operation for energy saving
- Design with maintenance switch
- Cold start
- Intelligent fan speed regulation
- Self-testing when UPS startup
- 50/60Hz frequency converter mode
- Colorful 2.4 inch TFT LCD display and 7 inch LCD display LCD are optional
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- Multiple communication interface: RS232/RS485/USB/EPO /Dry contact port (Relay card/SNMP card/Parallel cable/Battery temperature sensor optional)



## SPECIFICATIONS

MODEL	HD-10K2i	
Capacity	10KVA/ 10KW	
INPUT		
Nominal Voltage	380/ 400/ 415VAC (3PH, 4W), Support 220/ 230/ 240VAC (1PH, 2W)	
Operating Voltage range	208-478VAC, Support 176-276VAC	
Operating Frequency range	40~70Hz (50/ 60Hz auto-sensing)	
Power Factor	≥ 0.99	
Harmonic distortion (THDi)	≤3% linear load	
OUTPUT		
Ouput Voltage	220/ 230/ 240VAC (L +N +PE)	
Voltage regulation	± 1%	
Power Factor (p.f)	1.0	
Output Frequency	Synchronized with the mains @line Mode, 50/ 60Hz ± 0.1% @battery Mode	
Transfer time: AC mode to Battery mode	0ms	
Transfer time: Inverter to Bypass	0ms	
Output waveform	Pure sinewave	
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% linear load, ≤5% non-linear load	
Over load (AC Mode)	≤110% @Last 60 min turn to by pass, ≤125% @last 10 min turn to by pass	
Over load (Battery Mode)	≤110% @last 10 min, ≤125% @ last 1min	
Efficiency	Up to 93.5%, ECO Model >98%	
Communications	RS232/ RS485 (RJ45)/ USB/ EPO/ Intelligent slot. Option: SNMP Card...	
BATTERY		
Battery Voltage	±120VDC	
Battery (inbuilt)	20 x 12V/9Ah	40 x 12V/9Ah
Time backup @80-100% load	7-8 mins	15-16 mins
Time backup @5Kw	15 mins	30 mins
Charge current	1.35A	
OTHERS		
Environmental	Temperature: 0~40°C, Humidity: 0-95% (Non condensing)	
Noise level (at 1 Meter)	< 55dB	
Dimension WxDxH (mm)	250 x 900 x 868	
Net weight (Kg)	129	176

\*\*\*Specifications are subject to change without notice

(HD230401 for Projects)