

DTH11-R Series

Online Double Conversion

1kVA-10kVA, 1 Phase Input, 1 Phase Output

Advanced Technology

- Generator input compatible
- 50/60Hz Auto-sensing
- Wide input range

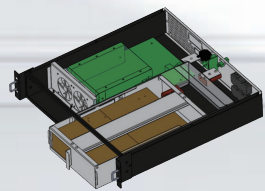
Outstanding Flexibility

- 6/10kVA support 16-20 battery units configuration
- Multifunction LCD & LED readout
- Support RS232, USB, optional: RS485, dry contact, SNMP
- Compact, rackmount design

Green Performance

- PFC technology, input power factor ≥ 0.99
- ECO mode for energy saving
- Output power = 1
- Fan speed automatically adjusts according to the load

Applications: LAN server, communication base station, data center, finance system branch, automation control system, etc.



Hot-swappable Battery



Available Sockets



Specification

Model	DTH11-1KR	DTH11-1KRL	DTH11-2KR	DTH11-2KRL	DTH11-3KR	DTH11-3KRL	DTH11-6KRL	DTH11-10KRL
Capacity	1kVA		2kVA		3kVA		6kVA	10kVA
Input								
Voltage Range	1 Phase (L+N+PE) 110 ~ 300VAC							
Frequency Range	40Hz ~ 70Hz							
Power Factor	≥ 0.99							
THDi	<3% (100% linear load) ; <5% (100% nonlinear load)							
Output								
Voltage	208/220/230/240VAC							
Voltage Accuracy	$\pm 1\%$							
Frequency Range	50/60Hz $\pm 0.1\%$							
Overload	102%~110%, 30min; 111%~130%, 10min; 131%~150%, 30sec; > 150%, 0.2sec							
Power Factor	1							
THDu	$\leq 2\%$ @ (100% linear load); $\leq 5\%$ @ (100% nonlinear load)							
Switching Time	0ms							
Efficiency								
Inverter Mode	94.5%		>95.5%					
Battery								
Standard	Model	12V / 9Ah & 12V / 17Ah(for Long Backup)						
	Number	2	4	6	16-20			
	Charging Current	1A	1-4A Configurable(default 1A)					
	Rated Voltage	24V	48V	72V	192-240V			
Long Backup	Number	3	6	8	16-20			
	Charging Current	1-12A Configurable(default 5A)						
	Voltage	36VDC	72VDC	96VDC	192-240VDC			
System								
Communication	RS232, USB, optional: RS485, dry contact, SNMP							
Environment								
Operating Temperature	0 ~ 40°C							
Humidity	0 ~ 95%(Non-condensing)							
Altitude	< 1000M no derate, > 1000m derate(refer to IEC62040)							
Noise	< 50dB @ 1m							
Physical								
Standard	WxDxH(mm)	440x369x88	440x449x88	440x600x88	440x470x88			
	Weight(kg)	10.2	17.3	22.5	51	60.8		
Long Backup	WxDxH(mm)	440x369x88	440x449x88			440x470x88		
	Weight(kg)	5.7	7.5	8.0	10.8	11.6		

* Specifications subject to change without notice.