

# 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, EPO, optional: RS485, dry contact card, SNMP
- Compact, rackmount design

### Green Performance

- PFC technology, input power factor  $\geq 0.99$
- 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.



### 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	
<b>Input</b>									
Voltage Range	1 Phase (L+N+PE)110~300VAC								
Frequency Range	40Hz ~ 70Hz								
Power Factor	$\geq 0.99$								
THDi	< 3% (100% linear load) ; < 5% (100% nonlinear load)								
<b>Output</b>									
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	0 ms								
<b>Efficiency</b>									
Inverter Mode	94.5%				95.5%				
<b>Battery</b>									
Standard	Model	12V / 9Ah							
	Number	6	6	8	16-20				
	Charging Current	1-12A Configurable(default 5A)				1-12A Configurable(default 5A)			
	Rated Voltage	36V	72V	96V	192-240V				
Long Backup	Number	3	6	8	16-20				
	Charging Current	1-12A Configurable(default 5A)							
	Voltage	36V	72V	96V	192-240V				
<b>System</b>									
Communication	RS232, USB, EPO, optional: RS485, dry contact card, SNMP								
<b>Environment</b>									
Operating Temperature	0 ~ 40°C								
Humidity	0 ~ 95%(Non-condensing)								
Altitude	< 1000m no derate, > 1000m derate(refer to IEC62040)								
Noise	< 50dB @ 1 m								
<b>Physical</b>									
Standard	WxDxH(mm)	440x484x132	440x484x132	440x680x132	440x470x88				
	Weight(kg)	23.2	27.7	31.3	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.