

# Off Grid DC 48V Solar Air conditioner

## Technical Specifications

Tropical Applicable

DC48V R410A

| ITEMS                          | UNIT  | 9000BTU            | 12000BTU           | 18000BTU           |
|--------------------------------|-------|--------------------|--------------------|--------------------|
| Model                          | /     | DX-BTA-48V-SKY-09K | DX-BTA-48V-SLF-12K | DX-BTA-48V-UMT-18K |
| Voltage                        | V     | DC48V(46-58V)      | DC48V(46-58V)      | DC48V(46-58V)      |
| Cooling Capacity               | BTU   | 9000(3400-10000)   | 12000(3400-12600)  | 17090(4400-19500)  |
| Cooling power input            | W     | 640(180-750)       | 930(200-1080)      | 1360(250-1660)     |
| Heating Capacity               | W     | 2900(800-3300)     | 3900(1000-4000)    | 5150(1500-5250)    |
| Heating power input            | W     | 680(160-864)       | 1030(180-1020)     | 1260(250-1410)     |
| EER                            | BTU/W | 14.06              | 12.90              | 12.57              |
| Indoor unit Dimension (WxHxD)  | mm    | 840x205x295        | 840x205x295        | 1080x330x237       |
| Indoor unit Packing (WxHxD)    | mm    | 920x290x360        | 920x290x360        | 1140x300x382       |
| Outdoor unit Dimension (WXHXD) | mm    | 802x564x323        | 802x564x323        | 802x564x323        |
| Outdoor unit Packing (WxHxD)   | mm    | 910x622x405        | 910x622x405        | 910x622x405        |

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**VOLTOVA**  
SOLAR HYBRID AC

## APPLICATION

Ideal for places with no power or power stability issues



Island locations



Remote telecom stations

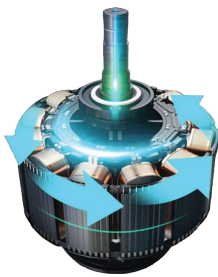


Container houses



Boating

## Key components



Brushless DC fan motor



Super quite to 16 DB



Wide operation  
TEMP range -10~60°C



Twin Rotary DC Compressor



4D Air supply



30S fast cooling  
60S rapid heating



Intelligent Grid Indicator

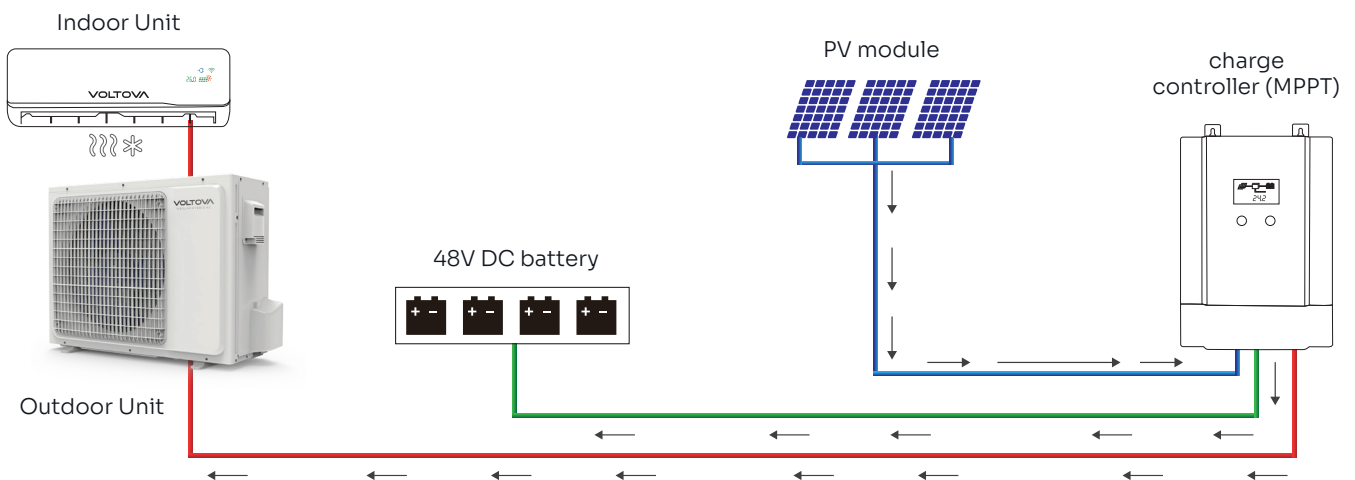


Golden fin



Rs485  
Communication

## Off-grid AC-DC 48V operation diagram



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