

Off Grid DC 48V Solar Air conditioner



Technical Specifications

Tropical Applicable

 **DC48V R410A**

Items	Unit	9000BTU	12000BTU	18000BTU
Mode	/	DGWA1-DC48V-09K	DGWA1-DC48V-12K	DGWA1-DC48V-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

APPLICATION

Ideal for places with no power or power stability issues



Remote telecom stations



Island locations



Container houses



Boating

Key components



Brushless DC fan motor



Twin Rotary DC Compressor



Intelligent Grid Indicator



Super quite to 16 DB



4D Air supply



Golden fin



Wide operation
TEMP range -10~60°C



30S fast cooling
60S rapid heating



Rs485 Communication

Off-grid AC-DC 48V operation diagram

