

DC DIRECT AIR

**SOLAR
POWERED
DIRECT CURRENT
AIRCONDITIONING
IN
3.5kW
5kW
7Kw
REVERSE CYCLE**



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ADVANTAGES OF USING DC AIRCONDITIONING

- USING THE FREE ENERGY OF THE SUN TO HEAT AND COOL: NON-METERED / NO CHARGE
- IDEAL FOR REMOTE AREAS:
RURAL STATIONS
ISLAND RESORTS
ECO CAMPS
- REAL DOWNSTREAM COST SAVINGS:
 - 1) REDUCE LOAD ON EXISTING GENERATORS
 - 2) SAVING ON FUEL, FUEL TRANSPORT AND STORAGE COSTS
 - 3) LOWER OVERALL POWER CONSUMPTION
- OPTIONAL REQUIREMENT SMALLER SIZE AUXILLARY POWER UNIT
- DC SYSTEMS ARE LOW VOLTAGE, THEREFORE SAFER



- GRID CONNECTION IS OPTIONAL
- NO POWER LOSS THROUGH HAVING TO CONVERT TO AC BY INVERTER
- QUIET OPERATION—NO NOISY GENERATOR KEEPING YOU AWAKE AT NIGHT
- WORKING ON SUNSHINE

TECHNICAL DETAILS:

- UNITS AVAILABLE IN 3.5kW, 5kW, OR 7kW
- REVERSE CYCLE
- AVAILABLE IN 24V OR 48V
- BATTERIES:
12VDC (min 4) OR
6VDC (min 8)
- BATTERIES AH (each) :
225-395
- REFRIGERANT:
R134a
- SOUND (outdoor unit) -
69dB @ 1m
- SOUND (indoor unit) -
56dB @ 1m
- POWER SOURCE—
SOLAR, WIND OR
HYDRO GENERATION
- POWER CONDUIT—
SOLAR PANELS &
DEEP CYCLE SOLAR
BATTERIES