

DEYE DWGA21-ACDCBLW-09KR2(EU) 2,7 kW AC/DC (On/Off Grid)

Product code: klimatyzatory.deye.3,5kW.2



DEYE DWGA21-ACDCBLW-09KR2(EU) – 2.7 kW Hybrid Air Conditioner Powered by AC/DC from Solar PV and Grid

The DEYE DWGA21-ACDCBLW-09KR2(EU) is a modern 2.7 kW split-type air conditioner designed for efficient operation using both the electrical grid and direct power from photovoltaic (PV) panels. Thanks to its hybrid AC/DC technology, the unit automatically switches between solar and grid power, maximizing energy savings and user independence. This model is an ideal solution for energy-efficient homes, off-grid buildings, offices, residential containers, and holiday cottages.

Product variants

Index	Price
DEYE DWGA21-ACDCBLW-09KR2(EU) 2,7 kW AC/DC (On/Off Grid) klimatyzatory.deye.3,5kW.2	Product prices only visible after login. If you do not have an account, please register.

Product description

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Key Features of DEYE DWGA21-ACDCBLW-09KR2(EU):

Direct PV power input (80–380 V DC) – operates without the need for an inverter or battery storage.

Hybrid AC/DC mode – automatic switching between grid and solar power.

High energy efficiency (EER 3.86 / 13.16) – low energy consumption while maintaining excellent cooling and heating performance.

R32 refrigerant – environmentally friendly and efficient with low GWP.

Modern and quiet split design – separate indoor and outdoor units with compact dimensions.

Compatible with on-grid and off-grid systems – full power supply flexibility.

Technical Specifications:

Model: DWGA21-ACDCBLW-09KR2(EU)

Type: Split-type air conditioner, AC/DC, hybrid

Power Supply:

DC input (from PV): 80–380 V

AC input (from grid): 208–240 V / 50–60 Hz

Performance Parameters:

Cooling capacity (T1): 2700 W (operating range: 800–3000 W)

Cooling input power (T1): 620 W (150–1100 W)

Heating capacity (T1): 3100 W (900–3000 W)

Heating input power: 680 W (150–1100 W)

Energy efficiency (EER): 4.35 / 14.50

Refrigerant: R32

Operating modes: Cooling / Heating / Auto

Mounting: Wall-mounted, split system

Protection rating: Suitable for residential installation

Efficient Cooling with Free Solar Energy

The DEYE DWGA21-ACDCBLW-09KR2(EU) enables direct utilization of surplus solar energy, delivering cooling and heating comfort with minimal grid power usage. It's the ideal solution for those seeking modern, energy-independent air conditioning systems in both single- and multi-family buildings, as well as mobile applications.