

Hyundai HiE-S440HG-440 Wp (BFR)

Product code: PV.hyundai.bf.440



Manufacturer	HYUNDAI
Width	1096
Height	1899
Depth	30
Weight	22
Warranty	25
Power	440
Efficiency warranty	25
Country of origin	China
CN code number	85414300
Frame color	black
Type of support	monofacial
Technologies	SHINGLED
Quantity per pallet	36
Quantity per container	936

The presented Hyundai HiE-S440HG-440 Wp (BFR) panel is a phenomenon in the market of photovoltaic panels. The innovative G12 PERC Shingled tile technology represents an advanced generation of solar panels that combines PERC technology with a shingled arrangement, ensuring higher efficiency and better power density on the panel.

Product variants

Index	Price
Hyundai HiE-S440HG-440 Wp (BFR) PV.hyundai.bf.440	Product prices only visible after login. If you do not have an account, please register.

Product description

The presented Hyundai HiE-S440HG-440 Wp (BFR) panel is a phenomenon in the market of photovoltaic panels. The innovative G12 PERC Shingled tile technology represents an advanced generation of solar panels that combines PERC technology with a shingled arrangement, ensuring higher efficiency and better power density on the panel.

Key features of the Hyundai HiE-S440HG-440 Wp (BFR) photovoltaic module:

G12 PERC Shingled technology provides ultra-high efficiency with better performance in low sunlight conditions.
Maximizes installation capacity in limited space.
Anti LID/PID – LID – light-induced degradation. PID – potential induced degradation.
Mechanical durability – tempered glass and reinforced frame withstand challenging weather conditions.
Corrosion resistance.
Laboratory tests UL/VDE.
25-year warranty on products – for material and workmanship.
25-year performance warranty – first year 98.0%, linear warranty after the second year: 0.55% annual degradation.
Technical data for the Hyundai HiE-S440HG-440 Wp (BFR) photovoltaic panel:
Maximum power (Pmpp): 440 Wp
Open-circuit voltage (Voc): 43.70V
Short-circuit current (Isc): 12.90V
Voltage at Pmax (Vmpp): 36.30V
Current at Pmax (Impp): 12.13A
Module efficiency: 21.1%
Cell type: PERC – Mono-Crystalline Silicon Shingled
Maximum system voltages: 1,500 V
Dimensions: 1899 x 1096 x 30 mm (L x W x H)
Weight: 21.8 kg
Cells: 320 cells (210x 210 mm)
Output cables: 4mm², length +500mm/-1100mm vertically, +220mm/-180mm horizontally
Maximum overload protection current: 25A

Hyundai Energy Solutions, founded in 1972, is a global leader in the field of renewable energy, offering excellent quality photovoltaic modules thanks to its long-standing experience in the market. Hyundai distinguishes itself with significant financial support, resulting in high durability and excellent electrical parameters of solar panels, enabling the use of the latest technologies.