SOLAR COLLECTOR
16, DAVENHAM GDNS
NW3 5DA

Dimplex renewables®
A world of expertise

SOLC201

Flat plate solar collector

The SOLC201 is a high quality, efficient solar flat plate collector with a 1365Wp output, making it the collector of choice for a range of domestic and commercial installations.

The SOLC201 consists of a laser welded meander pipe with a high selective full area absorber coating and 30mm rear insulation. The whole assembly is encased in an anthracite anodised aluminium frame for a neat construction. The collectors can be connected in series in either horizontal or vertical orientation to suit the available roof space.

Compression fittings make the lightweight SOLC201 easy to install and the extensive range of accessories available for on-roof or free standing installations means the SOLC201 is suitable for a wide range of applications.

The SOLC201 collectors can be combined with a choice of either the premium SOLPU1 pump station or the new cost effective SOLPU0 module, providing an ultra cost effective solar thermal solution.

The collector is Solar Keymark approved and has the benefit of a 10 year warranty, assuring the quality and longevity of the collector.

Key Features

- Standard efficiency solar thermal collector
- Suitable for portrait or landscape orientation with connection of up to 4 panels in series
- Easy to install with Dimplex roof fixing kits:
  - Slate
  - Tile
  - Coach bolts
  - Flat roof
  - Free standing
- Lightweight – only 29kg per panel when empty
- 3.2mm clear solar safety glass with 85% transmission allowing the collector to absorb a wide range of the solar spectrum
- The clear safety glass covering has passed optional impact resistance tests as detailed in EN12975-2
- Aluminium, anthracite powder coated frame provides lightweight protection for the absorber that blends with the roof
- Spring suspended aluminium absorber sheet providing high efficiency over product life span
- Laser welded meander absorber for low pressure drop of overall collector field
- Compression fittings for ease of installation.
- Each panel has 4 connections allowing:
  - Left or right hand connections
  - Up to 4 collectors directly connected together
  - Collectors connected in parallel, thus lowering overall pressure drop of array
  - Same collector for portrait and landscape orientations
  - Individual options to position sensor pocket for maximum flexibility
- 10 year warranty
- Solar Keymark approved

IN ROOF TILE
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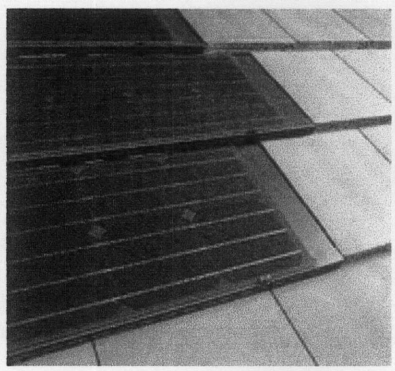

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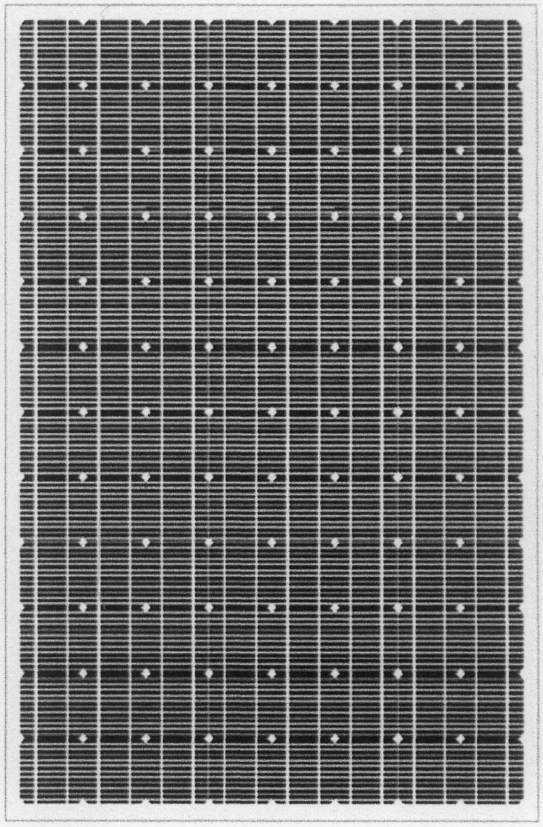
P.V. PANEL
16 DALZIAN GDNS. NW3 5PA

Mono-crystalline solar module-125SL series
Power range: 240-260 Watt

ZNSHINESOLAR®

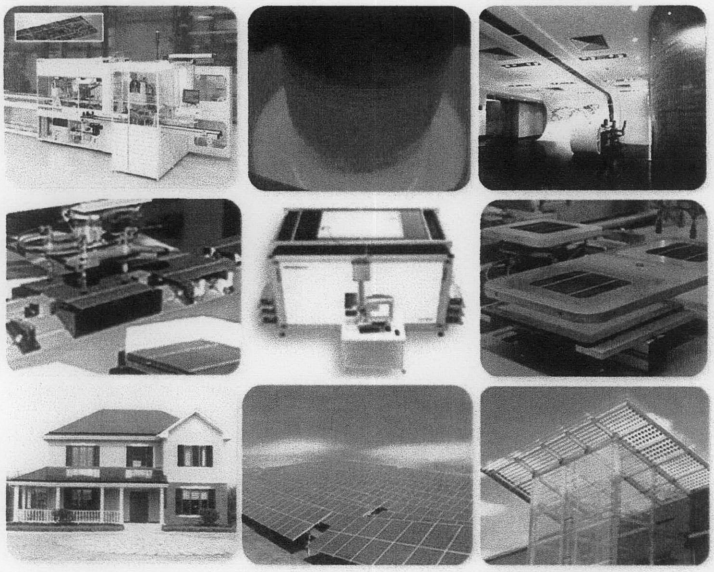
Znshinesolar Module Characteristics

- Up to 15.5% excellent module conversion efficiency through superior manufacture technology
- Up to 2400 pa — withstanding high wind loads
  Up to 5400 pa — snow loads
  Robust anodized aluminium alloy frame ensuring a stable mechanical life. The high-transparency low-iron tempered glass bearing 25mm ice-ball with velocity of 23m/s
- Anti-aging EVA
- IP65 rated junction box enhancing thermal isolation
- Flexible Size meeting clients different requirement for different systems and applications



Advantages:

- 25 years limited power output warranty:
  90%-10 years
  80%-25 years
- Product liability insurance
- Stock warehouse in Europe
- Regional technical and sales support
- Membership in PV CYCLE — Free module recycling



Znshinesolar is a vertically integrated leading manufacturer of solar photovoltaic modules with rigorous quality control from basic materials, producing ingots, wafers, cells & modules, supplying the products with high reliability, guaranteed quality and best services to her clients.

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