

**SOLAR  
INNOVATION  
FOR THE 21ST  
CENTURY**

**ROBUST FOR  
ALL THE UK  
WEATHER CAN  
THROW AT IT**

**BRITISH DESIGN**

**BRITISH  
MANUFACTURE**

**BRITISH QUALITY**

**SEAMLESS  
SOLAR FOR  
SENSITIVE  
AESTHETICS**

[www.gb-sol.co.uk](http://www.gb-sol.co.uk)  
[slate@gb-sol.co.uk](mailto:slate@gb-sol.co.uk)  
01443 841 811  
Pontypridd, UK

**PV SLATE**



**The perfect match of seamless  
solar and uncompromising quality**

**GB-Sol** 

# 35WP

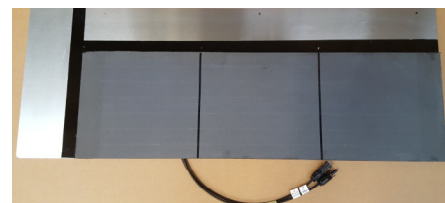
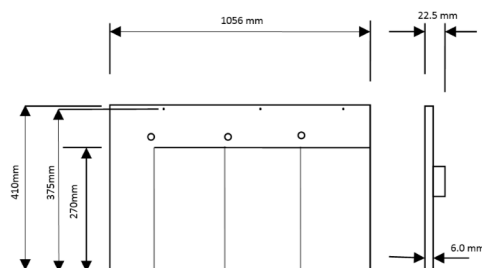
## PER PV SLATE

# 10

## HIDDEN MONO-CRYSTALLINE CELLS PER PV SLATE

### Roofing & Mechanical Data:

PV Slates/Roof Area	Approx 4 PV Slates per m <sup>2</sup> (4.24)
Dimensions (L x W x D)	Nominal - 1056mm x 410mm x 6mm Visible - 900mm x 265mm x 6mm (Replaces 3 Natural Slates)
PV Slate Holing Gauge	375mm (Base of PV Slate to fixing hole)
Slate Weight (Individual Product)	3.5 Kg
Minimum Natural Slates on Roof	2 Natural slate courses at ridge 1.5 Natural slate courses at verge/ any roof obstruction 2 Natural slate courses at gutter
Natural Slate Size Compatibility	600mm x 300mm x 6mm (24 x 12 inch)
Natural Slate Colour Compatibility	All blue-grey slates (La Concha best match)
Batten Gauge	265mm
Roof Pitch	27.5° - 90° - Compatible 22° - 27.5° - Compatible with waterproof membrane 0° - 22° - Not Compatible
Roof Mounting Method (Supplied)	3 of M5 x 25mm A2 pan-head wood screws 3 of Roof Hooks 2.7mm 316 Steel grey powder coated



### General Data:

Packaging	60 PV Slates / Box on Oversized Pallet Box: 1700mm (L) x 1150 mm (W) x 550 mm (H) plus pallet Packed Weight 230 Kg (excluding pallet)
Connectors	MC4 with 1.0m fly leads
Feed in Tariff Applicable	No
Self Cleaning	Yes
Other colours available	Black (Contemporary)
Product Warranty	10 Years
Power Output Warranty	10 Years

### Electrical Data:

Nominal Output (P <sub>max</sub> , MPP)	35 Wp (+/-10%)
Short Circuit Current - I <sub>sc</sub>	5.05 A
Open Circuit Voltage - V <sub>oc</sub>	7.76 V
MPP Current	4.78 A
MPP Voltage	6.2 V
Temperature Coefficient of Power	-0.40 % /K
Temperature Coefficient of Voltage - V <sub>oc</sub>	-0.32 % /K
Temperature Coefficient of Current	0.042 % /K
Maximum Permissible System Voltage	600 V

www.gb-sol.co.uk  
slate@gb-sol.co.uk  
01443 841 811  
Pontypridd, UK

