

PV SLATE

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

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

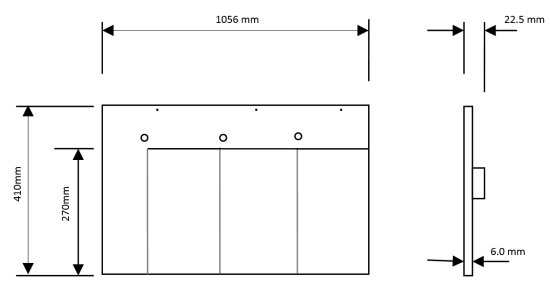
GB-Sol 

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 ² (4.24)
Dimensions (L x W x D)	Nominal - 1056mm x 410mm x 6mm Visible - 900mm x 262mm x 6mm (Replaces 3 Natural Slates)
Slate Weight (Individual Product)	3.5 Kg
Minimum Natural Slates on Roof	1.5 Natural slate courses at ridge 1.5 Natural slate courses at roof edge/ 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) --- Blacker ranges may take 3-12 months on roof to naturally bleach to match
Batten Gauge	262mm
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 black 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 Tarriff Applicable	No
Self Cleaning	Yes
Other colours available	Black (Contemporary)
Product Warranty	10 Years
Power Output Warranty	10 Years

Electrical Data:

Nominal Output (P _{max} , MPP)	35 Wp (+/-10%)
Short Circuit Current - I _{sc}	5.05 A
Open Circuit Voltage - V _{oc}	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 _{oc}	-0.32 %/K
Temperature Coefficient of Current- I _{sc}	0.042 %/K
Maximum Permissible System Voltage	600 V

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

