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**PV SLATE**



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

**GB-Sol** 

## Roofing & Mechanical Data:

	PV Slate 600x300	PV Slate 500x300	PV Slate 500x250
<b>Natural Slate Compatibility</b>	600mm x 300mm x 6mm	500mm x 300mm x 6mm	500mm x 250mm x 6mm
<b>PV Slates per m<sup>2</sup> Roof Area*</b>	4.17 PV Slates	5.52 PV Slates	4.96 PV Slates
<b>Wp per m<sup>2</sup> Roof Area*</b>	146 Wp	138 Wp	136 Wp
<b>Dimensions (L x W x D) - Nominal</b>	1056mm x 410mm x 6mm	1056mm x 328mm x 6mm	1134mm x 328mm x 6mm
<b>Dimensions (L x W x D) - Visible on Roof</b>	906mm x 265mm	906mm x 200mm	1009mm x 200mm
<b>Natural Slates Replaced</b>	3	3	4
<b>Natural Slate Headlap</b>	70mm	100mm	100mm
<b>Weight</b>	3.5 Kg	3.5 Kg	3.5 Kg
<b>Minimum Natural Slates on Roof</b>	Ridge: 1 x Complete natural slate course + Top course of natural slates Verge/Any Obstruction: 1 x Complete natural slate course Gutter: 2 x Natural slate courses		
<b>Natural Slate Colour Compatibility</b>	All blue-grey slates		
<b>Batten Gauge</b>	265mm	200mm	200mm
<b>Battens</b>	BS 5534 Graded & treated battens only (50mm x 25mm)		
<b>Roof Pitch (Typical)</b>	22.5°-90° - Dependant on location - contact us for more details		
<b>Roof Mounting Method (Supplied)</b>	3 of M5 x 25mm A2 pan-head wood screws 3 of Roof Hooks 2.7mm 316 Steel grey powder coated		3 of M5 x 25mm A2 pan-head wood screws 4 of Roof Hooks 2.7mm 316 Steel grey powder coated

PV Slate 600x300	PV Slate 500x300	PV Slate 500x250
<b>a = PV Slate Hook holes / b = Screw fixing holes</b>		

## Electrical Data:

	<b>PV Slate 600x300</b>	<b>PV Slate 500x300</b>	<b>PV Slate 500x250</b>
Nominal Output	35 Wp (+/-10%)	25 Wp (+/-10%)	27.5 Wp (+/-10%)
Short Circuit Current	6.63 A	4.32 A	4.37 A
Open Circuit Voltage	6.67 V	7.34 V	8.00 V
MPP Current	6.31 A	4.11 A	4.16 A
MPP Voltage	5.55 V	6.09 V	6.65 V
Temperature Coefficient of Power	-0.40 %/K	-0.40 %/K	-0.40 %/K
Temperature Coefficient of Voltage	-0.32 %/K	-0.32 %/K	-0.32 %/K
Temperature Coefficient of Current	0.042 %/K	0.042 %/K	0.042 %/K
Maximum Permissible System Voltage	600 V	600 V	600 V

## General Data:

Feed in Tariff Applicable	Yes
Product Warranty	10 Years
Power Output Warranty	10 Years
Product Certification & Testing	MCS 012 (BAPT 8752-02) & MCS 005 (BAPT 8501-15), EN 15601:2015 (Weathertightness), EN 13501-5:2005 (Fire), CEN/TS 1187:2012 (Fire), BS 476-3:2004 (Fire - EXT.S.AA Rating), BS EN 14437:2004 (Wind Uplift)



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