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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
Natural Slate Compatibility	600mm x 300mm x 6mm	500mm x 300mm x 6mm	500mm x 250mm x 6mm
PV Slates per m² Roof Area*	4.17 PV Slates	5.52 PV Slates	4.96 PV Slates
Wp per m² Roof Area*	146 Wp	138 Wp	136 Wp
Dimensions (L x W x D) - Nominal	1056mm x 410mm x 6mm	1056mm x 328mm x 6mm	1134mm x 328mm x 6mm
Dimensions (L x W x D) - Visible on Roof	906mm x 265mm	906mm x 200mm	1009mm x 200mm
Natural Slates Replaced	3	3	4
Natural Slate Headlap	70mm	100mm	100mm
Weight	3.9 Kg	3.0 Kg	3.5 Kg
Minimum Natural Slates on Roof	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		
Natural Slate Colour Compatibility	All blue-grey slates		
Batten Gauge	265mm	200mm	200mm
Battens	BS 5534 Graded & treated battens only (50mm x 25mm)		
Roof Pitch (Typical)	22.5°-90° - Dependant on location - contact us for more details		
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		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
a = PV Slate Hook holes / b = Screw fixing holes		

Electrical Data:

	PV Slate 600x300	PV Slate 500x300	PV Slate 500x250
Nominal Output	35 Wp (+/-10%)	25 Wp (+/-10%)	27.5 Wp (+/-10%)
Short Circuit Current	6.6 A	4.1 A	4.1 A
Open Circuit Voltage	6.6 V	7.5 V	8.1 V
MPP Current	6.4 A	4.0 A	4.0 A
MPP Voltage	5.5 V	6.2 V	6.9 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 (BABT 8752-02) & MCS 005 (BABT 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)

