



SolFit
PV Roof Integration



The SolFit Top Loader BIPV System

Bisol Laminates 270Wp - 300Wp



- European manufactured
- No clips, No clamps, No brackets, No plastic
- Under panel ventilation
- Installed from ridge to eaves
- Compatible with all slate and tile types
- Fast install time - 4 panels - 30mins
- MCS 012 certified
- High efficiency Bisol 270Wp - 300Wp PV laminates





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Mechanical Characteristics

- UK manufactured framing and flashings
- EU manufactured laminates
- Black back sheet
- Black powder aluminium frames
- Positive tolerance of 5%
- 10 year PV manufacturer's guarantee
- 25 year PV linear performance guarantee
- 20 year weather tightness guarantee
- Module efficiency to 15.3% - 16.8%
- MCS 0012 certified

Weight	19kg
Length	1694mm x 998mm x 15mm
Front Glass	3.2mm
Frame	Powder coated aluminium
Junction Box	IP 65
Connector	Tyco/MC4 compatible
Mono Crystalline	285Wp & -300Wp
Poly Crystalline	270Wp
Solar Cells	60 cell mono / 60 cell Poly
Packaging	27 per pallet

Module Type

	Poly 270	Mono 285	Mono 300
Maximum Power P_{MPP} [W]	270	285	300
Short Circuit Current I_{sc} [A]	9.25	9.50	9.90
Open Circuit Voltage V_{oc} [V]	39.4	40.0	40.4
MPP Current I_{MPP} [A]	8.85	9.10	9.50
MPP Voltage V_{MPP} [V]	30.5	31.3	31.6
Solar Cell Efficiency η_c [%]	18.5	19.9	20.9
Module Efficiency η_M [%]	16.5	17.4	18.4
Power Output Tolerance		0/+5W	
Max Reverse Current		18A	
Max System Voltage		1,000 V (Application Class A)	

