



## Certificate No: MCS BBA 0156

### Technology:

### MCS 012 – Pitched Roof Installation Kits

### Products:

### GSE Integration Mounting Systems

Components	GSE Integration Frames: Mounting Plate Nylon Block Side flashing EPDM seal Clamps
Installation Type	Roof integrated
Permissible roof pitch (Angle °)	15° – 50°
Roofing substrate minimum requirements	Slated or tiled roofs
Maximum design wind uplift resistance (kPa) <i>Calculated by dividing the characteristic wind uplift resistance by the partial safety factor shown below.</i>	1.5
Partial (safety) factor(s)	1.1
Fire classification to EN 13501-5 : 2005 + A1 : 2009	Sunmodule Plus SW 250 Poly – B <sub>ROOF</sub> (t4) Trina Solar TSM DC05A.08 – B <sub>ROOF</sub> (t4) Trina Solar TSM-DC05A.05 – B <sub>ROOF</sub> (t4) Perlight PLM 250MB-60-Delta – B <sub>ROOF</sub> (t4) Perlight Intenergy INE-250-P-60 – B <sub>ROOF</sub> (t4) Perlight Intenergy INE-285MB-60 – B <sub>ROOF</sub> (t4) Sunpower SPR E20-327 – B <sub>ROOF</sub> (t4) Canadian Solar CS6P-265P – B <sub>ROOF</sub> (t4) Canadian Solar CS6P-265M – B <sub>ROOF</sub> (t4) JA Solar 60/275-295 – B <sub>ROOF</sub> (t4) JA Solar JAP 6 (SE) – B <sub>ROOF</sub> (t4) JA Solar JAM 6 (K) (BK)-60-285/4BB – B <sub>ROOF</sub> (t4) Sapphire Solar SS250P/60 – B <sub>ROOF</sub> (t4) Eging EG-285-M60-C – B <sub>ROOF</sub> (t4) Solar World SW-275 MB-60 – B <sub>ROOF</sub> (t4) Phono Solar PS 250 – B <sub>ROOF</sub> (t4) Seraphin SRP 250-6PB – B <sub>ROOF</sub> (t4) Seraphin SRP 250-6MB – B <sub>ROOF</sub> (t4) LG LG260/250/245-S1C – B <sub>ROOF</sub> (t4) BenQ Solar BenQ AUO PM060MW2 – B <sub>ROOF</sub> (t4) BenQ Solar BenQ AUO PM096B00 – B <sub>ROOF</sub> (t4)



<p>Fire classification to EN 13501-5 : 2005 + A1 : 2009</p>	<p>LG LG NeON 2 Black – B<sub>ROOF</sub>(t4) LG LG NeON 2 – B<sub>ROOF</sub>(t4) Panasonic VBHN245SJ25 – B<sub>ROOF</sub>(t4) Shinetime XTM6-60-250BK – B<sub>ROOF</sub>(t4) Risen Risen RSM-60-6-250P – B<sub>ROOF</sub>(t4) REC Peak Energy 250PE – B<sub>ROOF</sub>(t4)</p> <p>Products tested for fire classification are as stated above.</p> <p>The fire performance rating applies to the roofing kit when used with the family of modules from which the tested modules came, or other modules that have identical material specification and design of: frame, coversheet, encapsulant, backing sheet and sealant.</p>
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The BBA (British Board of Agrément) has issued this Microgeneration Certification Scheme (MCS) Certificate to the company and products named above, in recognition of the products's compliance with the MCS Scheme Requirements for the technology named above.

On behalf of the British Board of Agrément

Date of Third issue: 13 December 2016

Claire Curtis-Thomas  
Chief Executive

*The BBA is a UKAS accredited certification body — Number 113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at [www.bbacerts.co.uk](http://www.bbacerts.co.uk)*

*Readers are advised to check the validity and latest issue number of this MCS Certificate by either referring to the BBA website or contacting the BBA direct.*