

First Solar FS Series Module Clip Compatibility

Compatibility of Solarstem BD7 Clamp with FS Series Modules

Mounting clips used with First Solar FS Series module laminates must comply with the minimum technical and mechanical requirements for mounting systems required by First Solar (as described in First Solar document PD-5-320). In addition, the clip must satisfy the requirements of the First Solar mechanical load Test according to procedures defined in IEC61646 Ed. 1 10.15/16.

Release of Solarstem BD7 Clamp

The Solarstem BD7 Clamp in conjunction with FS Series module laminates has successfully met the First Solar mechanical load test. The proposed mounting system design in conjunction with FS Series module laminates also meets the technical requirements concerning clip design that are specified in document PD-5-320 (see Figure 1 and Figure 2 below).

The retaining clips are approved only for inverters with galvanic isolation and negative grounding.

Therefore, the Solarstem BD7 Clamp in conjunction with FS Series module laminates is approved for use as long as the mounting system complies with First Solar's technical and mechanical requirements for mounting systems, as described in document PD-5-320.

Clip Length: 120mm



Figure 1: Solarstem BD7 Intermediate Clamp
(Mid Clip)



Figure 2: Solarstem BD7 End Clamp
(End Clip)

A handwritten signature in blue ink, appearing to read 'T. Möller', is placed over a light blue rectangular background.

Timo Möller
Technical Customer Service Manager EMEA

