

Certificate

of Compatibility for the following BRC Solar optimizers

Power Optimizer M500

with the following inverters from **SMA Solar Technology AG**

Sunny Boy 1.5-2.5
Sunny Boy 3-6
Sunny Tripower 3-6

Sunny Boy Smart Energy 3.6
Sunny Boy Smart Energy 4.0
Sunny Boy Smart Energy 5.0
Sunny Boy Smart Energy 6.0

Sunny Tripower 5.0 Smart Energy
Sunny Tripower 6.0 Smart Energy
Sunny Tripower 8.0 Smart Energy

We, BRC Solar GmbH, confirm the trouble-free operation of the Power Optimizer M500 with the current inverter models of SMA.

To confirm trouble-free operation, standardized compatibility tests were carried out. These are repeated at regular intervals with the inverter manufacturers' most current product portfolio to ensure compatibility.

Test procedures used:

Test specification	Test procedure	Result
Pr 041.1	Full optimization with homogeneous irradiation	PASS
Pr 041.2	Full optimization for different orientations	PASS
Pr 041.3	Full optimization with partial shading	PASS
Pr 041.4	Partial optimization with partial shading	PASS

We hereby confirm that the tests were carried out flawlessly and professionally according to the standardized test procedure.

For inverter models that cannot be found in this declaration, compatibility can be checked using our inverter checker <https://brc-solar.de/wechselrichter-checker/>.

BRC Solar GmbH

Richard Brace, Head of Development

Signature, date

BRC Solar GmbH

Pascal Ruisinger, Managing Director

Signature, date