

Certificate

of Compatibility for the following BRC Solar optimizers

Power Optimizer M500

Power Optimizer M600-E

Power Optimizer M600-M

with the inverters from **SOFARSOLAR Co., Ltd.**

Please refer to the next page to find the exact inverter models.
There, you can see which models are approved for full compatibility and which are
approved for partial compatibility.

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.

We hereby confirm that the tests were carried out without issues according to the standardized test procedure.

BRC Solar GmbH

Pascal Ruisinger, Managing Director



Signature, date

BRC Solar GmbH

Richard Brace, Head of Innovation & Research



Signature, date

Compatibility M500 & Sofar

	Full optimization possible
	Partial optimization only (max. 50% of modules)
	No Compatibility

Type	MPP1 (A)	MPP2 (A)	MPP3 (A)	MPP4 (A)	MPP5 (A)	MPP6 (A)	MPP7 (A)	MPP8 (A)	MPP9 (A)	MPP10 (A)
SOFAR 1.1KTL-G3	12									
SOFAR 1.6KTL-G3	12									
SOFAR 2.2KTL-G3	12									
SOFAR 2.7KTL-G3	12									
SOFAR 3.0KTL-G3	12									
SOFAR 3.3KTL-G3	12									
SOFAR 3KTLM-G3	15	15								
SOFAR 3.6KTLM-G3	15	15								
SOFAR 4KTLM-G3	15	15								
SOFAR 4.6KTLM-G3	15	15								
SOFAR 5KTLM-G3	15	15								
SOFAR 6KTLM-G3	15	15								
SOFAR 7KTLM-G3	20	16	16							
SOFAR 7.7KTLM-G3	20	16	16							
SOFAR 8KTLM-G3	20	16	16							
SOFAR 9KTLM-G3	20	16	16							
SOFAR 10KTLM-G3	20	16	16							
SOFAR 10.5KTLM-G3	20	16	16							
SOFAR 3KTLM-G2	11	11								
SOFAR 3.6KTLM-G2	11	11								
SOFAR 4KTLM-G2	11	11								
SOFAR 4.6KTLM-G2	11	11								
SOFAR 5KTLM-G2	11	11								
SOFAR 6KTLM-G2	11	11								
SOFAR 7.5KTLM-G2	22	11								
SOFAR 3.3KTLX-G3	15	15								
SOFAR 4.4KTLX-G3	15	15								
SOFAR 5KTLX-G3	15	15								
SOFAR 5.5KTLX-G3	15	15								
SOFAR 6.6KTLX-G3	15	15								
SOFAR 8.8KTLX-G3	15	15								
SOFAR 10KTLX-G3	15	30								
SOFAR 11KTLX-G3	15	30								
SOFAR 12KTLX-G3	30	15								
SOFAR 15KTLX-G3	26	26								
SOFAR 17KTLX-G3	26	26								
SOFAR 20KTLX-G3	26	26								
SOFAR 22KTLX-G3	26	26								
SOFAR 24KTLX-G3	26	26								

SOFAR 25KTLX-G3	40	40	40							
SOFAR 30KTLX-G3	40	40	40							
SOFAR 33KTLX-G3	40	40	40							
SOFAR 36KTLX-G3	40	40	40							
SOFAR 40KTLX-G3	40	40	40	40						
SOFAR 45KTLX-G3	40	40	40	40						
SOFAR 50KTLX-G3	40	40	40	40						
SOFAR 80KTLX-G3	40	40	40	40	40					
SOFAR 100KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 110KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 125KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 250KTL-HV	30	30	30	30	30	30	30	30	30	30
SOFAR 255KTL-HV	30	30	30	30	30	30	30	30	30	30
SOFAR HYD 10KTL-3PH	25	25								
SOFAR HYD 10KTL-3PH-A	25	25								
SOFAR HYD 15KTL-3PH	25	25								
SOFAR HYD 20KTL-3PH	25	25								
SOFAR HYD 3000-EP	13	13								
SOFAR HYD 3680-EP	13	13								
SOFAR HYD 4000-EP	13	13								
SOFAR HYD 4600-EP	13	13								
SOFAR HYD 5000-EP	13	13								
SOFAR HYD 5500-EP	13	13								
SOFAR HYD 6000-EP	13	13								

Compatibility M600-E & Sofar

	Full optimization possible
	Partial optimization only (max. 50% of modules)
	No Compatibility

Type	MPP1 (A)	MPP2 (A)	MPP3 (A)	MPP4 (A)	MPP5 (A)	MPP6 (A)	MPP7 (A)	MPP8 (A)	MPP9 (A)	MPP10 (A)
SOFAR 1.1KTL-G3	12									
SOFAR 1.6KTL-G3	12									
SOFAR 2.2KTL-G3	12									
SOFAR 2.7KTL-G3	12									
SOFAR 3.0KTL-G3	12									
SOFAR 3.3KTL-G3	12									
SOFAR 3KTLM-G3	15	15								
SOFAR 3.6KTLM-G3	15	15								
SOFAR 4KTLM-G3	15	15								
SOFAR 4.6KTLM-G3	15	15								
SOFAR 5KTLM-G3	15	15								

SOFAR 6KTLM-G3	15	15								
SOFAR 7KTLM-G3	20	16	16							
SOFAR 7.7KTLM-G3	20	16	16							
SOFAR 8KTLM-G3	20	16	16							
SOFAR 9KTLM-G3	20	16	16							
SOFAR 10KTLM-G3	20	16	16							
SOFAR 10.5KTLM-G3	20	16	16							
SOFAR 3KTLM-G2	11	11								
SOFAR 3.6KTLM-G2	11	11								
SOFAR 4KTLM-G2	11	11								
SOFAR 4.6KTLM-G2	11	11								
SOFAR 5KTLM-G2	11	11								
SOFAR 6KTLM-G2	11	11								
SOFAR 7.5KTLM-G2	22	11								
SOFAR 3.3KTLX-G3	15	15								
SOFAR 4.4KTLX-G3	15	15								
SOFAR 5KTLX-G3	15	15								
SOFAR 5.5KTLX-G3	15	15								
SOFAR 6.6KTLX-G3	15	15								
SOFAR 8.8KTLX-G3	15	15								
SOFAR 10KTLX-G3	15	30								
SOFAR 11KTLX-G3	15	30								
SOFAR 12KTLX-G3	30	15								
SOFAR 15KTLX-G3	26	26								
SOFAR 17KTLX-G3	26	26								
SOFAR 20KTLX-G3	26	26								
SOFAR 22KTLX-G3	26	26								
SOFAR 24KTLX-G3	26	26								
SOFAR 25KTLX-G3	40	40	40							
SOFAR 30KTLX-G3	40	40	40							
SOFAR 33KTLX-G3	40	40	40							
SOFAR 36KTLX-G3	40	40	40							
SOFAR 40KTLX-G3	40	40	40	40						
SOFAR 45KTLX-G3	40	40	40	40						
SOFAR 50KTLX-G3	40	40	40	40						
SOFAR 80KTLX-G3	40	40	40	40	40					
SOFAR 100KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 110KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 125KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 250KTL-HV	30	30	30	30	30	30	30	30	30	30
SOFAR 255KTL-HV	30	30	30	30	30	30	30	30	30	30
SOFAR HYD 10KTL-3PH	25	25								
SOFAR HYD 10KTL-3PH-A	25	25								
SOFAR HYD 15KTL-3PH	25	25								
SOFAR HYD 20KTL-3PH	25	25								
SOFAR HYD 3000-EP	13	13								

SOFAR HYD 3680-EP	13	13								
SOFAR HYD 4000-EP	13	13								
SOFAR HYD 4600-EP	13	13								
SOFAR HYD 5000-EP	13	13								
SOFAR HYD 5500-EP	13	13								
SOFAR HYD 6000-EP	13	13								

Compatibility M600-M & Sofar

	Full optimization possible
	Partial optimization only (max. 50% of modules)
	No Compatibility

Type	MPP1 (A)	MPP2 (A)	MPP3 (A)	MPP4 (A)	MPP5 (A)	MPP6 (A)	MPP7 (A)	MPP8 (A)	MPP9 (A)	MPP10 (A)
SOFAR 1.1KTL-G3	12									
SOFAR 1.6KTL-G3	12									
SOFAR 2.2KTL-G3	12									
SOFAR 2.7KTL-G3	12									
SOFAR 3.0KTL-G3	12									
SOFAR 3.3KTL-G3	12									
SOFAR 3KTLM-G3	15	15								
SOFAR 3.6KTLM-G3	15	15								
SOFAR 4KTLM-G3	15	15								
SOFAR 4.6KTLM-G3	15	15								
SOFAR 5KTLM-G3	15	15								
SOFAR 6KTLM-G3	15	15								
SOFAR 7KTLM-G3	20	16	16							
SOFAR 7.7KTLM-G3	20	16	16							
SOFAR 8KTLM-G3	20	16	16							
SOFAR 9KTLM-G3	20	16	16							
SOFAR 10KTLM-G3	20	16	16							
SOFAR 10.5KTLM-G3	20	16	16							
SOFAR 3KTLM-G2	11	11								
SOFAR 3.6KTLM-G2	11	11								
SOFAR 4KTLM-G2	11	11								
SOFAR 4.6KTLM-G2	11	11								
SOFAR 5KTLM-G2	11	11								
SOFAR 6KTLM-G2	11	11								
SOFAR 7.5KTLM-G2	22	11								
SOFAR 3.3KTLX-G3	15	15								
SOFAR 4.4KTLX-G3	15	15								
SOFAR 5KTLX-G3	15	15								
SOFAR 5.5KTLX-G3	15	15								

SOFAR 6.6KTLX-G3	15	15								
SOFAR 8.8KTLX-G3	15	15								
SOFAR 10KTLX-G3	15	30								
SOFAR 11KTLX-G3	15	30								
SOFAR 12KTLX-G3	30	15								
SOFAR 15KTLX-G3	26	26								
SOFAR 17KTLX-G3	26	26								
SOFAR 20KTLX-G3	26	26								
SOFAR 22KTLX-G3	26	26								
SOFAR 24KTLX-G3	26	26								
SOFAR 25KTLX-G3	40	40	40							
SOFAR 30KTLX-G3	40	40	40							
SOFAR 33KTLX-G3	40	40	40							
SOFAR 36KTLX-G3	40	40	40							
SOFAR 40KTLX-G3	40	40	40	40						
SOFAR 45KTLX-G3	40	40	40	40						
SOFAR 50KTLX-G3	40	40	40	40						
SOFAR 80KTLX-G3	40	40	40	40	40					
SOFAR 100KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 110KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 125KTLX-G4	40	40	40	40	40	40	40	40	40	40
SOFAR 250KTL-HV	30	30	30	30	30	30	30	30	30	30
SOFAR 255KTL-HV	30	30	30	30	30	30	30	30	30	30
SOFAR HYD 10KTL-3PH	25	25								
SOFAR HYD 10KTL-3PH-A	25	25								
SOFAR HYD 15KTL-3PH	25	25								
SOFAR HYD 20KTL-3PH	25	25								
SOFAR HYD 3000-EP	13	13								
SOFAR HYD 3680-EP	13	13								
SOFAR HYD 4000-EP	13	13								
SOFAR HYD 4600-EP	13	13								
SOFAR HYD 5000-EP	13	13								
SOFAR HYD 5500-EP	13	13								
SOFAR HYD 6000-EP	13	13								