

Certificate

of Compatibility for the following BRC Solar optimizers

Power Optimizer M500

Power Optimizer M600-E

with the inverters from **Deye**

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 & Deye

	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)
Deye SUN-1K-G04 P1-EU-AM1	20							
Deye SUN-1.5K-G04 P1-EU-AM1	20							
Deye SUN-2K-G04 P1-EU-AM1	20							
Deye SUN-2.2K-G04 P1-EU-AM1	20							
Deye SUN-2.5K-G04 P1-EU-AM1	20							
Deye SUN-2.7K-G04 P1-EU-AM1	20							
Deye SUN-3K-G04 P1-EU-AM1	20							
Deye SUN-3.3K-G04 P1-EU-AM1	20							
Deye SUN-3.6K-G04 P1-EU-AM1	20							
Deye SUN-4K-G04 P1-EU-AM1	20							
Deye SUN-3.6K-G04	13	13						
Deye SUN-4K-G04	13	13						
Deye SUN-4.2K-G04	13	13						
Deye SUN-4.6K-G04	13	13						
Deye SUN-5K-G04	13	13						
Deye SUN-5.2K-G04	13	13						
Deye SUN-6K-G04	13	13						
Deye SUN-6.2K-G04	13	13						
Deye SUN-3.6K-G05 P1-EU-AM2	18	18						
Deye SUN-4K-G05 P1-EU-AM2	18	18						
Deye SUN-4.2K-G05 P1-EU-AM2	18	18						
Deye SUN-4.6K-G05 P1-EU-AM2	18	18						
Deye SUN-5K-G05 P1-EU-AM2	18	18						
Deye SUN-5.2K-G05 P1-EU-AM2	18	18						
Deye SUN-6K-G05 P1-EU-AM2	18	18						
Deye SUN-6.2K-G05 P1-EU-AM2	18	18						
Deye SUN-7K-G02P1-EU-AM2	18	26						
Deye SUN-7.5K-G02P1-EU-AM2	18	26						
Deye SUN-8K-G02P1-EU-AM2	18	26						
Deye SUN-9K-G02P1-EU-AM2	26	26						

Deye SUN-10K-G02P1-EU-AM2	26	26						
Deye SUN-10.5K-G02P1-EU-AM2	26	26						
Deye SUN-120K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-125K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-130K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-135K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-136K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-15K-G05	13	26						
Deye SUN-18K-G05	26	26						
Deye SUN-20K-G05	26	26						
Deye SUN-22K-G05	26	26						
Deye SUN-23K-G05	26	26						
Deye SUN-25K-G05	26	26						
Deye SUN-3K-G06P3-EU-AM2	13	13						
Deye SUN-4K-G06P3-EU-AM2	13	13						
Deye SUN-5K-G06P3-EU-AM2	13	13						
Deye SUN-6K-G06P3-EU-AM2	13	13						
Deye SUN-7K-G06P3-EU-AM2	13	13						
Deye SUN-8K-G06P3-EU-AM2	13	13						
Deye SUN-9K-G06P3-EU-AM2	13	13						
Deye SUN-10K-G06P3-EU-AM2	13	13						
Deye SUN-12K-G06P3-EU-AM2	13	13						
Deye SUN-15K-G06P3-EU-AM2	13	26						
Deye SUN-3K-G06P3-EU-AM2-P1	20	20						
Deye SUN-4K-G06P3-EU-AM2-P1	20	20						
Deye SUN-5K-G06P3-EU-AM2-P1	20	20						
Deye SUN-6K-G06P3-EU-AM2-P1	20	20						
Deye SUN-7K-G06P3-EU-AM2-P1	20	20						
Deye SUN-8K-G06P3-EU-AM2-P1	20	20						
Deye SUN-9K-G06P3-EU-AM2-P1	20	20						
Deye SUN-10K-G06P3-EU-AM2-P1	20	20						
Deye SUN-12K-G06P3-EU-AM2-P1	20	26						
Deye SUN-30K-G04	40	40						
Deye SUN-33K-G04	40	40						

Deye SUN-35K-G04	40	40						
Deye SUN-36K-G04	40	40						
Deye SUN-40K-G04	40	40	40					
Deye SUN-45K-G04	40	40	40					
Deye SUN-50K-G04	40	40	40	40				
Deye SUN-60K-G	40	40	40	40				
Deye SUN-70K-G	40	40	40	40				
Deye SUN-75K-G	40	40	40	40				
Deye SUN-80K-G	40	40	40	40				
Deye SUN-70K-G03	40	40	40	40				
Deye SUN-75K-G03	40	40	40	40				
Deye SUN-80K-G03	40	40	40	40				
Deye SUN-90K-G03	40	40	40	40	40	40		
Deye SUN-100K-G03	40	40	40	40	40	40		
Deye SUN-110K-G03	40	40	40	40	40	40		
Deye SUN-10K-G05-LV	26	26						
Deye SUN-12K-G05-LV	26	26						
Deye SUN-15K-G05-LV	26	26						
Deye SUN-18K-G04-LV	40	40						
Deye SUN-20K-G04-LV	40	40						
Deye SUN-21K-G04-LV	40	40						
Deye SUN-23K-G04-LV	40	40	40					
Deye SUN-25K-G04-LV	40	40	40					
Deye SUN-30K-G04-LV	40	40	40	40				
Deye SUN-33K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-35K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-40K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-45K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-50K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-6K-G05-LV	13	13						
Deye SUN-8K-G05-LV	13	26						
Deye SUN-6K-G06-LV	13	13						
Deye SUN-8K-G06-LV	13	26						
Deye SUN-60K-G01P3-EU-AM8-LV	40	40	40	40	40	40	40	40
Deye SUN-70K-G01P3-EU-AM8-LV	40	40	40	40	40	40	40	40
Deye SUN-75K-G01P3-EU-AM8-LV	40	40	40	40	40	40	40	40
Deye SUN-12K-SG01LP1-EU	26	26	26					
Deye SUN-14K-SG01LP1-EU	26	26	26					
Deye SUN-16K-SG01LP1-EU	26	26	26					
Deye SUN-29.9K-SG01HP3-EU-BM3	36	36	36					
Deye SUN-30K-SG01HP3-EU-BM3	36	36	36					

Deye SUN-35K-SG01HP3-EU-BM3	36	36	36					
Deye SUN-3.6K-SG05LP1-EU	13	13						
Deye SUN-5K-SG05LP1-EU	13	13						
Deye SUN-6K-SG05LP1-EU	13	13						
Deye SUN-7K-SG05LP1-EU	26	26						
Deye SUN-7.6K-SG05LP1-EU	26	26						
Deye SUN-8K-SG05LP1-EU	26	26						
Deye SUN-3.6K-SG05LP1-EU-SM2	18	18						
Deye SUN-5K-SG05LP1-EU-SM2	18	18						
Deye SUN-6K-SG05LP1-EU-SM2	18	18						
Deye SUN-7K-SG05LP1-EU-SM2	26	26						
Deye SUN-7.6K-SG05LP1-EU-SM2	26	26						
Deye SUN-8K-SG05LP1-EU-SM2	26	26						
Deye SUN-3.6K-SG03LP1-EU	13	13						
Deye SUN-5K-SG03LP1-EU	13	13						
Deye SUN-6K-SG03LP1-EU	13	13						
Deye SUN-3K-SG04LP1-EU	13	13						
Deye SUN-3.6K-SG04LP1-EU	13	13						
Deye SUN-5K-SG04LP1-EU	13	13						
Deye SUN-6K-SG04LP1-EU	13	13						
Deye SUN-3K-SG05LP3-EU-SM2	20	20						
Deye SUN-4K-SG05LP3-EU-SM2	20	20						
Deye SUN-5K-SG05LP3-EU-SM2	20	20						
Deye SUN-6K-SG05LP3-EU-SM2	20	20						
Deye SUN-3K-SG04LP1-24-EU-SM1	18	18						
Deye SUN-3K-SG04LP1-EU-SM1	18	18						
Deye SUN-3.6K-SG04LP1-EU-SM2	18	18						
Deye SUN-5K-SG04LP1-EU-SM2	18	18						
Deye SUN-6K-SG04LP1-EU-SM2	18	18						
Deye SUN-5K-SG01LP1-US	13	13						
Deye SUN-6K-SG01LP1-US	26	13						
Deye SUN-7.6K-SG01LP1-US	26	26						
Deye SUN-8K-SG01LP1-US	26	26						
Deye SUN-5K-SG02LP2-US-AM2	13	13						
Deye SUN-6K-SG02LP2-US-AM2	26	13						

Deye SUN-7.6K-SG02LP2-US-AM2	26	26						
Deye SUN-8K-SG02LP2-US-AM2	26	26						
Deye SUN-10K-SG02LP2-US-AM3	26	26	26					
Deye SUN-12K-SG02LP2-US-AM3	26	26	26					
Deye SUN-5K-SG01HP3-EU-AM2	20	20						
Deye SUN-6K-SG01HP3-EU-AM2	20	20						
Deye SUN-8K-SG01HP3-EU-AM2	20	20						
Deye SUN-10K-SG01HP3-EU-AM2	20	20						
Deye SUN-12K-SG01HP3-EU-AM2	26	20						
Deye SUN-15K-SG01HP3-EU-AM2	26	20						
Deye SUN-20K-SG01HP3-EU-AM2	26	26						
Deye SUN-25K-SG01HP3-EU-AM2	26	26						
Deye SUN-5K-SG04LP3-EU	13	13	13					
Deye SUN-6K-SG04LP3-EU	13	13	13					
Deye SUN-8K-SG04LP3-EU	13	13	13					
Deye SUN-10K-SG04LP3-EU	26	13	13					
Deye SUN-12K-SG04LP3-EU	26	13	13					
Deye SUN-7.6K-SG01LP1-EU	26	26						
Deye SUN-8K-SG01LP1-EU	26	26						
Deye SUN-7.6K-SG02LP1-EU-AM2	26	26						
Deye SUN-8K-SG02LP1-EU-AM2	26	26						
Deye SUN-10K-SG02LP1-EU-AM3	26	26	26					
Deye SUN-12K-SG02LP1-EU-AM3	26	26	26					
Deye SUN-8K-SG05LP3-EU-SM2	20	20						
Deye SUN-10K-SG05LP3-EU-SM2	20	20						
Deye SUN-12K-SG05LP3-EU-SM2	20	20						
Deye SUN-14K-SG05LP3-EU-SM2	36	36						
Deye SUN-15K-SG05LP3-EU-SM2	36	36						
Deye SUN-16K-SG05LP3-EU-SM2	36	36						
Deye SUN-18K-SG05LP3-EU-SM2	36	36						
Deye SUN-20K-SG05LP3-EU-SM2	36	36						

Compatibility M600-E & Deye

	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)
Deye SUN-1K-G04 P1-EU-AM1	20							
Deye SUN-1.5K-G04 P1-EU-AM1	20							
Deye SUN-2K-G04 P1-EU-AM1	20							
Deye SUN-2.2K-G04 P1-EU-AM1	20							
Deye SUN-2.5K-G04 P1-EU-AM1	20							
Deye SUN-2.7K-G04 P1-EU-AM1	20							
Deye SUN-3K-G04 P1-EU-AM1	20							
Deye SUN-3.3K-G04 P1-EU-AM1	20							
Deye SUN-3.6K-G04 P1-EU-AM1	20							
Deye SUN-4K-G04 P1-EU-AM1	20							
Deye SUN-3.6K-G04	13	13						
Deye SUN-4K-G04	13	13						
Deye SUN-4.2K-G04	13	13						
Deye SUN-4.6K-G04	13	13						
Deye SUN-5K-G04	13	13						
Deye SUN-5.2K-G04	13	13						
Deye SUN-6K-G04	13	13						
Deye SUN-6.2K-G04	13	13						
Deye SUN-3.6K-G05 P1-EU-AM2	18	18						
Deye SUN-4K-G05 P1-EU-AM2	18	18						
Deye SUN-4.2K-G05 P1-EU-AM2	18	18						
Deye SUN-4.6K-G05 P1-EU-AM2	18	18						
Deye SUN-5K-G05 P1-EU-AM2	18	18						
Deye SUN-5.2K-G05 P1-EU-AM2	18	18						
Deye SUN-6K-G05 P1-EU-AM2	18	18						
Deye SUN-6.2K-G05 P1-EU-AM2	18	18						
Deye SUN-7K-G02P1-EU-AM2	18	26						
Deye SUN-7.5K-G02P1-EU-AM2	18	26						
Deye SUN-8K-G02P1-EU-AM2	18	26						

Deye SUN-9K-G02P1-EU-AM2	26	26						
Deye SUN-10K-G02P1-EU-AM2	26	26						
Deye SUN-10.5K-G02P1-EU-AM2	26	26						
Deye SUN-120K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-125K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-130K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-135K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-136K-G01P3-EU-AM8	40	40	40	40	40	40	40	40
Deye SUN-15K-G05	13	26						
Deye SUN-18K-G05	26	26						
Deye SUN-20K-G05	26	26						
Deye SUN-22K-G05	26	26						
Deye SUN-23K-G05	26	26						
Deye SUN-25K-G05	26	26						
Deye SUN-3K-G06P3-EU-AM2	13	13						
Deye SUN-4K-G06P3-EU-AM2	13	13						
Deye SUN-5K-G06P3-EU-AM2	13	13						
Deye SUN-6K-G06P3-EU-AM2	13	13						
Deye SUN-7K-G06P3-EU-AM2	13	13						
Deye SUN-8K-G06P3-EU-AM2	13	13						
Deye SUN-9K-G06P3-EU-AM2	13	13						
Deye SUN-10K-G06P3-EU-AM2	13	13						
Deye SUN-12K-G06P3-EU-AM2	13	13						
Deye SUN-15K-G06P3-EU-AM2	13	26						
Deye SUN-3K-G06P3-EU-AM2-P1	20	20						
Deye SUN-4K-G06P3-EU-AM2-P1	20	20						
Deye SUN-5K-G06P3-EU-AM2-P1	20	20						
Deye SUN-6K-G06P3-EU-AM2-P1	20	20						
Deye SUN-7K-G06P3-EU-AM2-P1	20	20						
Deye SUN-8K-G06P3-EU-AM2-P1	20	20						
Deye SUN-9K-G06P3-EU-AM2-P1	20	20						
Deye SUN-10K-G06P3-EU-AM2-P1	20	20						
Deye SUN-12K-G06P3-EU-AM2-P1	20	26						

Deye SUN-30K-G04	40	40						
Deye SUN-33K-G04	40	40						
Deye SUN-35K-G04	40	40						
Deye SUN-36K-G04	40	40						
Deye SUN-40K-G04	40	40	40					
Deye SUN-45K-G04	40	40	40					
Deye SUN-50K-G04	40	40	40	40				
Deye SUN-60K-G	40	40	40	40				
Deye SUN-70K-G	40	40	40	40				
Deye SUN-75K-G	40	40	40	40				
Deye SUN-80K-G	40	40	40	40				
Deye SUN-70K-G03	40	40	40	40				
Deye SUN-75K-G03	40	40	40	40				
Deye SUN-80K-G03	40	40	40	40				
Deye SUN-90K-G03	40	40	40	40	40	40		
Deye SUN-100K-G03	40	40	40	40	40	40		
Deye SUN-110K-G03	40	40	40	40	40	40		
Deye SUN-10K-G05-LV	26	26						
Deye SUN-12K-G05-LV	26	26						
Deye SUN-15K-G05-LV	26	26						
Deye SUN-18K-G04-LV	40	40						
Deye SUN-20K-G04-LV	40	40						
Deye SUN-21K-G04-LV	40	40						
Deye SUN-23K-G04-LV	40	40	40					
Deye SUN-25K-G04-LV	40	40	40					
Deye SUN-30K-G04-LV	40	40	40	40				
Deye SUN-33K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-35K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-40K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-45K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-50K-G04P3-EU-AM4-LV	40	40	40	40				
Deye SUN-6K-G05-LV	13	13						
Deye SUN-8K-G05-LV	13	26						
Deye SUN-6K-G06-LV	13	13						
Deye SUN-8K-G06-LV	13	26						
Deye SUN-60K-G01P3-EU-AM8-LV	40	40	40	40	40	40	40	40
Deye SUN-70K-G01P3-EU-AM8-LV	40	40	40	40	40	40	40	40
Deye SUN-75K-G01P3-EU-AM8-LV	40	40	40	40	40	40	40	40
Deye SUN-12K-SG01LP1-EU	26	26	26					
Deye SUN-14K-SG01LP1-EU	26	26	26					
Deye SUN-16K-SG01LP1-EU	26	26	26					
Deye SUN-29.9K-SG01HP3-EU-BM3	36	36	36					

Deye SUN-30K-SG01HP3-EU-BM3	36	36	36					
Deye SUN-35K-SG01HP3-EU-BM3	36	36	36					
Deye SUN-3.6K-SG05LP1-EU	13	13						
Deye SUN-5K-SG05LP1-EU	13	13						
Deye SUN-6K-SG05LP1-EU	13	13						
Deye SUN-7K-SG05LP1-EU	26	26						
Deye SUN-7.6K-SG05LP1-EU	26	26						
Deye SUN-8K-SG05LP1-EU	26	26						
Deye SUN-3.6K-SG05LP1-EU-SM2	18	18						
Deye SUN-5K-SG05LP1-EU-SM2	18	18						
Deye SUN-6K-SG05LP1-EU-SM2	18	18						
Deye SUN-7K-SG05LP1-EU-SM2	26	26						
Deye SUN-7.6K-SG05LP1-EU-SM2	26	26						
Deye SUN-8K-SG05LP1-EU-SM2	26	26						
Deye SUN-3.6K-SG03LP1-EU	13	13						
Deye SUN-5K-SG03LP1-EU	13	13						
Deye SUN-6K-SG03LP1-EU	13	13						
Deye SUN-3K-SG04LP1-EU	13	13						
Deye SUN-3.6K-SG04LP1-EU	13	13						
Deye SUN-5K-SG04LP1-EU	13	13						
Deye SUN-6K-SG04LP1-EU	13	13						
Deye SUN-3K-SG05LP3-EU-SM2	20	20						
Deye SUN-4K-SG05LP3-EU-SM2	20	20						
Deye SUN-5K-SG05LP3-EU-SM2	20	20						
Deye SUN-6K-SG05LP3-EU-SM2	20	20						
Deye SUN-3K-SG04LP1-24-EU-SM1	18	18						
Deye SUN-3K-SG04LP1-EU-SM1	18	18						
Deye SUN-3.6K-SG04LP1-EU-SM2	18	18						
Deye SUN-5K-SG04LP1-EU-SM2	18	18						
Deye SUN-6K-SG04LP1-EU-SM2	18	18						
Deye SUN-5K-SG01LP1-US	13	13						
Deye SUN-6K-SG01LP1-US	26	13						
Deye SUN-7.6K-SG01LP1-US	26	26						
Deye SUN-8K-SG01LP1-US	26	26						
Deye SUN-5K-SG02LP2-US-AM2	13	13						

Deye SUN-6K-SG02LP2-US-AM2	26	13					
Deye SUN-7.6K-SG02LP2-US-AM2	26	26					
Deye SUN-8K-SG02LP2-US-AM2	26	26					
Deye SUN-10K-SG02LP2-US-AM3	26	26	26				
Deye SUN-12K-SG02LP2-US-AM3	26	26	26				
Deye SUN-5K-SG01HP3-EU-AM2	20	20					
Deye SUN-6K-SG01HP3-EU-AM2	20	20					
Deye SUN-8K-SG01HP3-EU-AM2	20	20					
Deye SUN-10K-SG01HP3-EU-AM2	20	20					
Deye SUN-12K-SG01HP3-EU-AM2	26	20					
Deye SUN-15K-SG01HP3-EU-AM2	26	20					
Deye SUN-20K-SG01HP3-EU-AM2	26	26					
Deye SUN-25K-SG01HP3-EU-AM2	26	26					
Deye SUN-5K-SG04LP3-EU	13	13	13				
Deye SUN-6K-SG04LP3-EU	13	13	13				
Deye SUN-8K-SG04LP3-EU	13	13	13				
Deye SUN-10K-SG04LP3-EU	26	13	13				
Deye SUN-12K-SG04LP3-EU	26	13	13				
Deye SUN-7.6K-SG01LP1-EU	26	26					
Deye SUN-8K-SG01LP1-EU	26	26					
Deye SUN-7.6K-SG02LP1-EU-AM2	26	26					
Deye SUN-8K-SG02LP1-EU-AM2	26	26					
Deye SUN-10K-SG02LP1-EU-AM3	26	26	26				
Deye SUN-12K-SG02LP1-EU-AM3	26	26	26				
Deye SUN-8K-SG05LP3-EU-SM2	20	20					
Deye SUN-10K-SG05LP3-EU-SM2	20	20					
Deye SUN-12K-SG05LP3-EU-SM2	20	20					
Deye SUN-14K-SG05LP3-EU-SM2	36	36					
Deye SUN-15K-SG05LP3-EU-SM2	36	36					
Deye SUN-16K-SG05LP3-EU-SM2	36	36					
Deye SUN-18K-SG05LP3-EU-SM2	36	36					
Deye SUN-20K-SG05LP3-EU-SM2	36	36					