



## Manufacturer's Declaration

### Static MPPT Efficiency of 99.8% with OptiTrac

The SMA PV inverters listed below usually include the MPP tracking algorithm OptiTrac. This tracking system operates highly efficient at a minimum static MPPT efficiency of 99.8% (according to DIN EN 50530). The tracking behaviour is tested during the internal type testing of our inverters in order to guarantee constant quality.

Possible datasheet specifications indicating a tracking efficiency of 99.5% are based on an outdated operational control and are no longer valid.

SUNNY BOY	SUNNY BOY US	SUNNY TRIPOWER	SUNNY CENTRAL
SB 240-10 with Multigate-10	SB 240-US-10 with Multigate-US	STP 5000TL-20	SC 500CP-10
SB1.5-1VL-40	SB 3000TL-US-22	STP 6000TL-20	SC 630CP-10
SB2.5-1VL-40	SB 4000TL-US-22	STP 7000TL-20	SC 720CP-10
SB 3000TL-21	SB 5000TL-US-22	STP 8000TL-20	SC 760CP-10
SB 3600TL-21	SB 6000TL-US-22	STP 9000TL-20	SC 800CP-10
SB 4000TL-21	SB 7000TL-US-22	STP 10000TL-20	SC 850CP-10
SB 5000TL-21	SB 7700TL-US-22	STP 12000TL-20	SC 900CP-10
SB 6000TL-21	SB 5000US-12	STP 15000TL-10	SC 1000CP-10
SB 3600SE-10	SB 6000US-12	STP 15000TL-30	SC-2200-10
SB 5000SE-10	SB 7000US-12	STP 20000TL-30	SC-2500-EV-10
SB3.0-1AV-40	SB 8000US-12	STP 25000TL-30	SC-2750-EV-10
SB3.6-1AV-40	SB 9000TLUS-12	STP 60-10*	<b>SUNNY CENTRAL US</b>
SB4.0-1AV-40	SB 10000TLUS-12	<b>SUNNY TRIPOWER US</b>	SC 500CP-US-10
SB5.0-1AV-40	SB 11000TLUS-12	STP 12000TL-US-10	SC 630CP-US-10
	SB3.0-1SP-US-40	STP 15000TL-US-10	SC 720CP-US-10
	SB3.8-1SP-US-40	STP 20000TL-US-10	SC 750CP-US-10
	SB5.0-1SP-US-40	STP 24000TL-US-10	SC 800CP-US-10
	SB6.0-1SP-US-40	STP 30000TL-US-10	SC 850CP-US-10
	SB7.0-1SP-US-40		SC 900CP-US-10
	SB7.7-1SP-US-40		SC-1850-US-10
			SC-2200-US-10
			SC-2500-EV-US-10
			SC-2750-EV-US-10
			<b>SUNNY CENTRAL JP</b>
			SC 500CP-JP-10
			SC 630CP-JP-10
			SC 800CP-JP-10
			SC 1000CP-JP-10

\* SMA OptiTrac is not supported

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