

# Transformerless, 3-phase Inverter for grid connected PV power plants

SINVERT 500 M TL / 1000 MS TL / 1500 MS TL / 2000 MS TL



#### Some features:

- Efficiency > 98 %
- 1000 V system voltage
- Available as single or container solution

#### Further advantages at a glance:

- Standard Ethernet interface
- Longer lifetime through intelligent Master-Slave system
- Best performance ratio of your PV plant
- Highest quality standard by using proven industrial components and more than 20 years experience

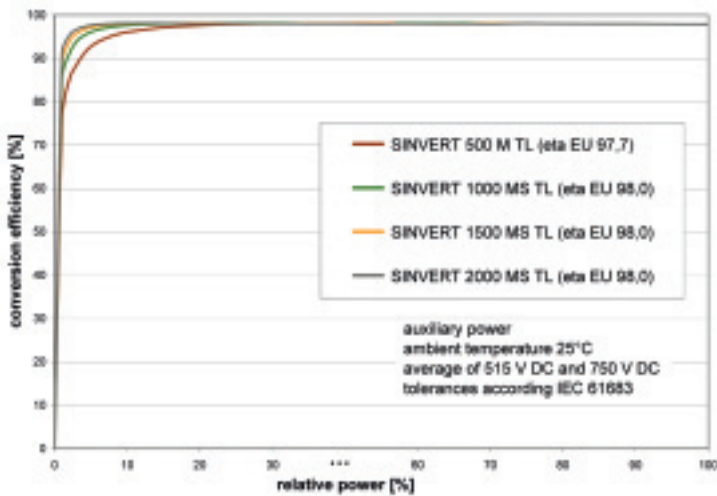
## SINVERT PV Inverter

Answers for energy.

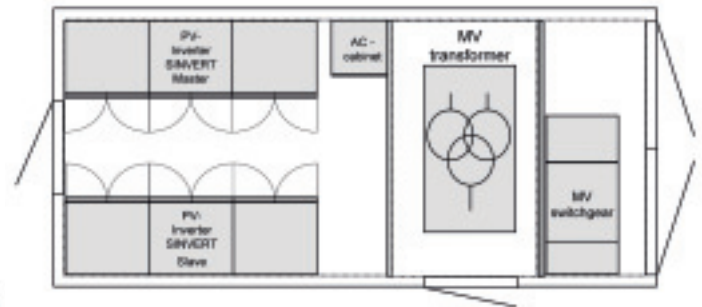
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\* M = Master; MS = Master-Slave System

Technical Data SINVERT PV Inverter		500 M TL	1000 MS TL	1500 MS TL	2000 MS TL
<b>Inverter Type *</b>					
<b>Input DC</b>					
MPP-Voltage Range	V	515 – 750			
Max. System Voltage	V	900 (1000 V DC optional)			
Rated input power	kW	513	1026	1539	2052
Rated input current	A	1000	2000	3000	4000
Number of DC-inputs		4	8	12	16
Max. Current per Input	A	250	250	250	250
<b>Output AC</b>					
Grid interface		3 ~ 328 V; 50 Hz			
Rated output power	kW	500	1000	1500	2000
Rated output current	A	881	1762	2643	3524
<b>Efficiency</b>					
eta EU	%	97.7	98.0	98.0	98.0
Max. efficiency	%	98.2	98.2	98.2	98.2
<b>Further data</b>					
Number of single units	Pcs.	1	2	3	4
Dimensions (H x W x D) for each single unit	mm	2002 x 2718 x 834			
Weight of each single unit	kg	1700	1700	1700	1700
Ambient Temperature	°C	0 – 50	0 – 50	0 – 50	0 – 50
Installation		Up to 1000 m above sea level			
Max. Humidity Rating	%	85 (non condensing)			



Efficiency chart SINVERT  
500 M TL / 1000 MS TL / 1500 MS TL / 2000 MS TL



Example: 1 MW-Container with  
SINVERT 1000 MS TL and MV components

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