

THE NEW SUNNY TRIPOWER EASIER – HIGHER YIELDS – MORE CONVENIENT



THE NEW SUNNY TRIPOWER MORE POWER CLASSES



SUNNY TRIPOWER 3.0

SUNNY TRIPOWER 4.0

SUNNY TRIPOWER 5.0

SUNNY TRIPOWER 6.0

THE NEW SUNNY TRIPOWER 3.0 – 6.0



Technical data*

AC power:	3 to 6 kVA _{AC}
DC voltage:	150 – 850 V _{DC}
DC current:	2 x 12 A _{DC}
Efficiency:	98.1% (max.) / 97.5% (η-euro)
Weight:	17 kg (37,4 lb)
Dimensions (mm):	435 x 470 x 176 (W x H x D)
<i>3-phase, transformerless, 2 MPP trackers</i>	

Interfaces

- > Integrated TS4-R-communication
- > Ethernet and WLAN
- > SMA Speedwire/Webconnect
- > MODBUS TCP with SMA and SunSpec profile
- > RS485 – Data 1**

THE NEW SUNNY TRIPOWER

EASIER – HIGHER YIELDS – MORE CONVENIENT



EASIER

HIGHER YIELDS

MORE
CONVENIENT



THE NEW SUNNY TRIPOWER SAFE AND QUICK COMMISSIONING



EASIER

- > Electrical connection: 100% **plug and play**
- > Device weighs only **17 kg** making possible one-person installation
- > **Compact** design means **minimum** space requirements

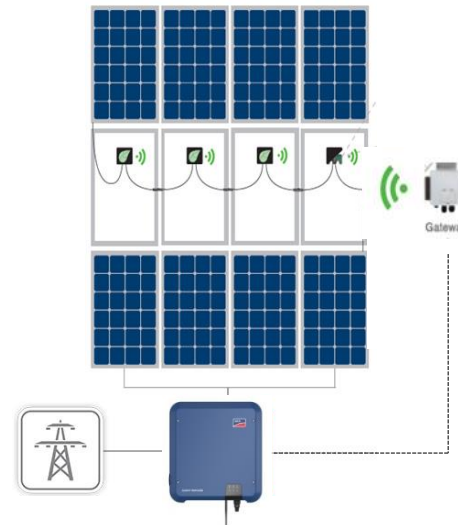


THE NEW SUNNY TRIPOWER INTEGRATED TS4-R-COMMUNICATION



EASIER

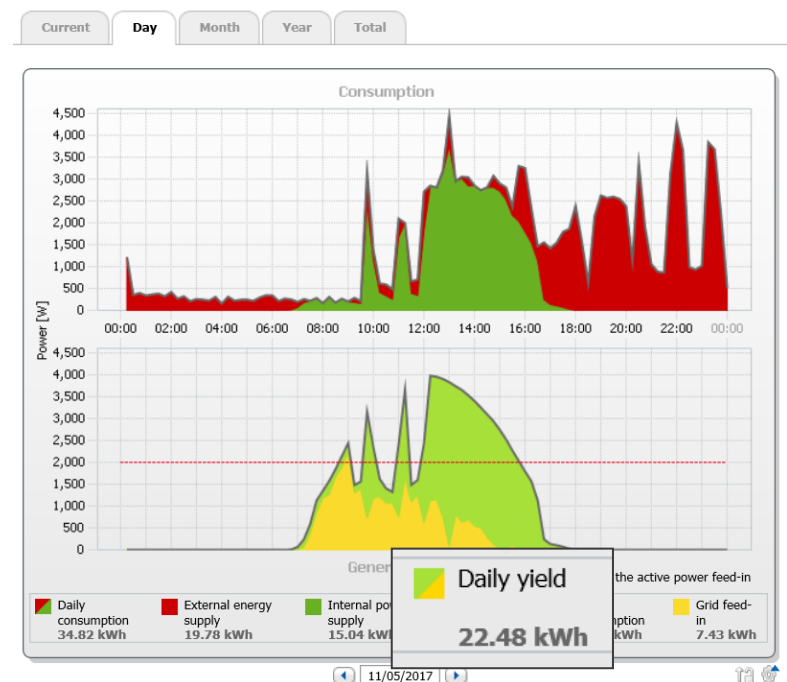
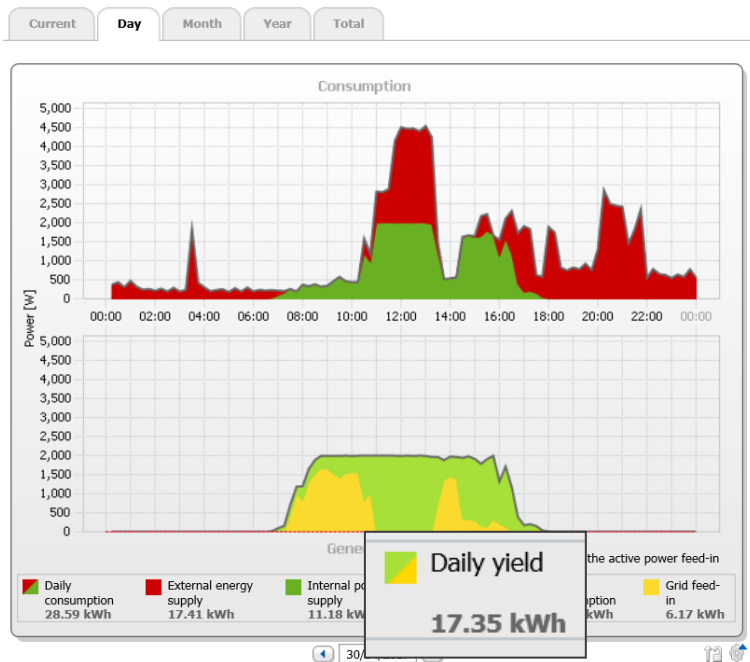
- > Visualization and registration of TS4-R components and Sunny Boy via Sunny Portal
- > Integration of CCA* functions in the inverter
- > **30 %** reduction of system costs and seamless commissioning



THE NEW SUNNY TRIPOWER DYNAMIC ACTIVE POWER LIMITATION



HIGHER YIELDS

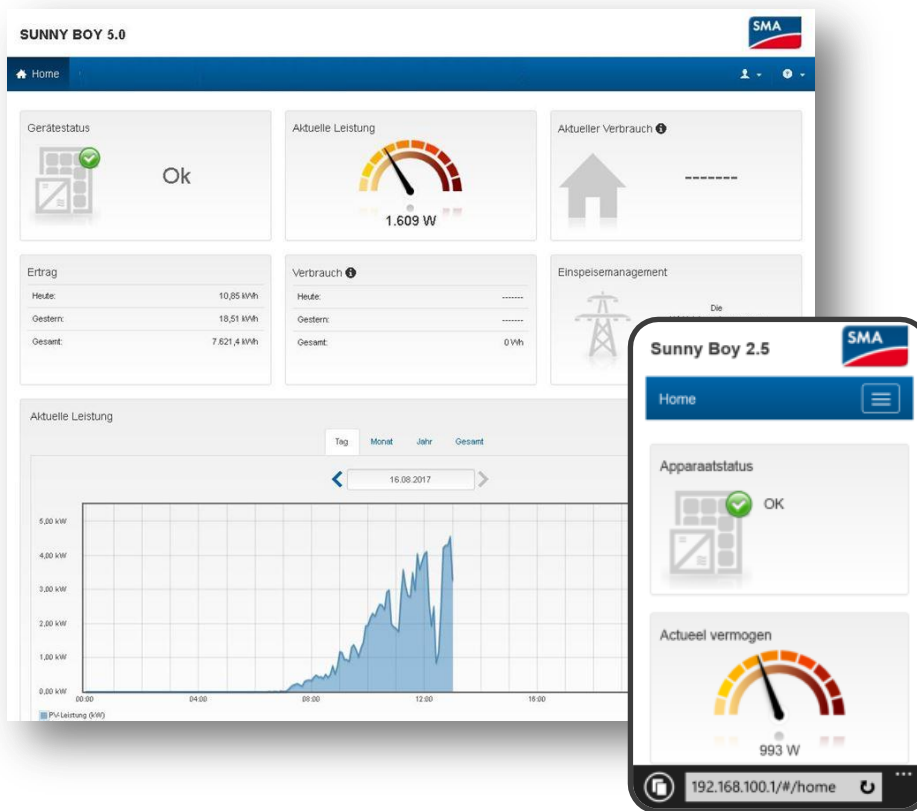


- > More yields and less power from the grid due to direct use of excess energy
- > **15% lower** system costs thanks to fewer components*

THE NEW SUNNY TRIPOWER SMART INVERTER SCREEN



MORE CONVENIENT



- > Direct access*
- > Local monitoring
- > Integrated commissioning assistant

THE NEW SUNNY TRIPOWER SMA SMART CONNECTED



MORE CONVENIENT

> Service cost
reduced by > 60%

Traditional inverter monitoring

Inverter

- Inverter event message
- Drive to site
- Diagnosis
- SMA Service Line
- Drive to site
- Troubleshooting / replacement



Installer:

High time and effort outlay

PV system operator:

High-yield loss

Inverter monitoring with SMA Smart Connected



- Proactive monitoring and analysis
- Diagnosis by email
- Sending a replacement device

- Notification by SMA
- Drive to site
- Troubleshooting / replacement



Installer:

Minimum time and effort outlay

PV system operator:

Low-yield loss

THE NEW SUNNY TRIPOWER EASIER – HIGHER YIELDS – MORE CONVENIENCE



EASIER

50% lighter,
50% less volume

Safe and quick
commissioning

Integrated
TS4-communication

HIGHER YIELDS

Dynamic active power
limitation

MORE
CONVENIENT

Smart Inverter
Screen

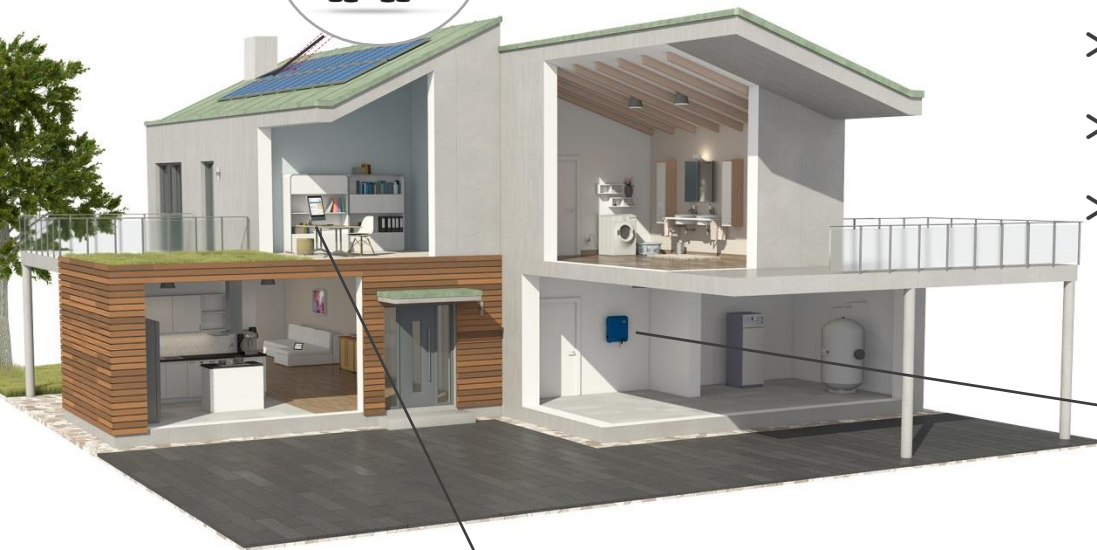
SMA Smart
Connected



PERFECTLY ADAPTED SOLUTION THAT PAYS OFF FOR YOU AND YOUR CUSTOMERS



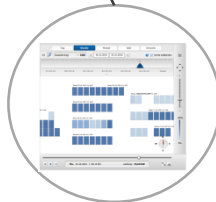
TS4-R optimizer



- > Easier commissioning of Power+
- > Minimized system costs
- > New inverter power classes



Inverter
Sunny Tripower 3.0 – 6.0



Monitoring portal
Sunny Portal/Sunny Places

ENERGY
THAT
CHANGES



SOCIAL MEDIA
www.SMA.de/Newsroom

