

Storage Ready PV Solar Solutions

Bosch BPT-S Series Inverter & SOLARWATT MyReserve Li-Ion Battery System

Technical Data



reddot award 2015
winner



Pre-register your interest at
Info.BoschPowerTec@au.bosch.com

- ▶ Storage Ready BPT-S Inverter
- ▶ Innovative Li-Ion Battery System
- ▶ High-quality and award winning products

Storage is becoming increasingly important in designing PV solar systems fit for the future. Bosch Power Tec and SOLARWATT are providing the intelligent system to cater for your energy needs of today and tomorrow.

The single-phase string inverters of the BPT-S series set new standards in terms of ease of use and analysis opportunities. New communication interfaces allow fast and fault-free commissioning, along with simplified remote analysis.

The intelligent Bosch BPT-S inverters can now be coupled with the new and innovative SOLARWATT MyReserve Li-Ion Battery System. Both products form an optimal system to generate and store solar generated energy.

SOLARWATT GmbH ranks among the pioneers of the German solar industry with more than 20 years production experience. It is a leading German solar panel manufacturer and provider of intelligent energy solutions.

Bosch BPT-S inverter and SOLARWATT MyReserve key features

Bosch BPT-S Inverter:

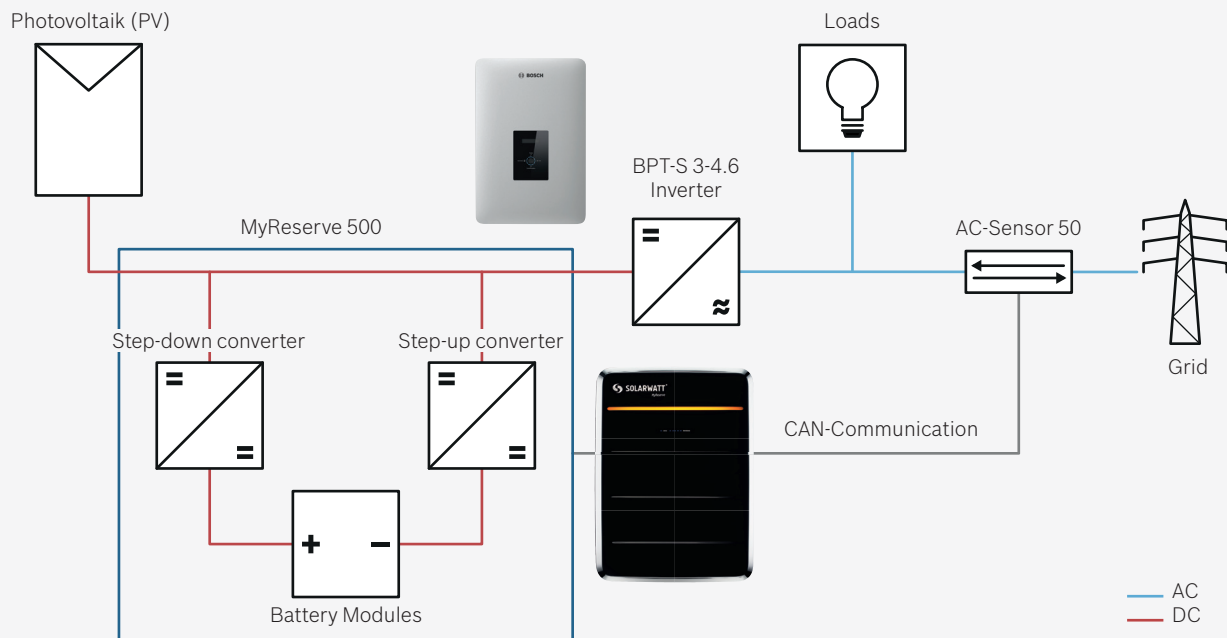
- ▶ Simplified commissioning thanks to RFID and e.Key technology
- ▶ High efficient and award winning inverter between 3–4.6kW
- ▶ Integrated data logger and remote diagnostics technology
- ▶ Award winning and innovative lightweight design

SOLARWATT MyReserve:

- ▶ Usable battery of 4.4kWh; extendable of up to 11 kWh
- ▶ 93% overall efficiency (round-trip)
- ▶ Very high safety standards
- ▶ Plug & Play installation
- ▶ Latest Li-Ion battery technology
- ▶ Suitable for all PV systems with a Bosch BPT-S inverter

Connection Diagram

Bosch BPT-S Inverter & SOLARWATT MyReserve 500 DC-Li-Ion BatterySystem



Technical Data BPT-S Inverter

Key features

Type	BPT-S 3/3.68/4/4.6
Available Power Classes	3/3.68/4/4.6kW (AC Output)
MPPT	1/1/2/2
MPP Voltage Range	170–600V
Max Efficiency Factor	97/97/97/97%
Topology	Transformerless

For full specifications please see the full Bosch BPT-S 3–4.6 datasheet.

Technical Data SOLARWATT MyReserve

Key features

Capacity (useable)	4.4/6.6/8.8/11 kWh
DoD	100%
Technology	Lithium ionen (ceramic coated)
Overall efficiency	93%
Battery efficiency	99.2%
Dimensions (HxWxD)	98.4 x 73.4 x 31 cm
Weight	From 78 kg (max. 25 kg per component)

For full specifications please see the full SOLARWATT MyReserve Datasheet.

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