



Article number: 231 224
Description: SITOP Solar 1500 Slave

Inverter: SITOP Solar 1500 Slave

The **Siemens SITOP Solar 1500 Slave inverter** is used as an addition to a SITOP Solar Master inverter.

Input variables (DC)

Recommended max. generator output	P_{PV}	1800 W
Max. open circuit voltage	$U_{PV, DC}$	675 V
MPP range	U_{PV}	200 – 630 V
Max. input voltage	$I_{PV, max}$	8 A

Output values (AC)

Max. output	$P_{AC, max}$	1650 W
Power rating	$P_{AC, B}$	1500 W
Distortion factor	k	< 5 %
Max. efficiency	η_{max}	95 %
European efficiency level	η_{euro}	93.7 %
Power consumption (operational)		< 4 W
Power consumption (night-time operation)		0 W
Operating temperature range		-10 °C ... +50 °C
Relative humidity		< 95 %
Protection rating (DIN EN 60 529)		IP21
Size (W x H x D)		175 x 430 x 135 mm
Weight		Approx. 5.0 kg
Declaration of conformity		Yes

Features

- The transformer-free technology and stable current means high yield with minimal weight.
- No DC distribution required.
- Integrated MPP tracker allows differing string lengths and solar generator set-ups to be implemented in a single system.
- Multiple evaluation options through SITOP log PC visualisation software.
- Integrated data logger for recording all major parameters.
- No potential equalisation of module frames necessary thanks to patented switching concept.