



# Smart grid 180 kWh

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1500 VDC, 180 kW, compact designOptimal performance at a light weight. The result is cheaper transportation and easier installation. In combination with the project-specific DC Combiner Boxes, the PV array can be oversized up to 200 %. The Data Manager completes the system and enables it to fulfil all of the grid operator"s requirements. Get large-scale projects up and running easily.

Maximum safety & reliabilityAll features and components are custom-tailored in order to keep the weight down, to minimize potential error sources and to maximize efficiency. Proven technologies such as the active cooling system SMA OptiCool™ ensure a long lifetime of the inverters.

Fast installation, easy commissioningErgonomic grips and the integrated hook-in mechanism simplify the mounting of the inverters. Large, stiff DC cables can be conveniently routed via a separable connection plate and allow hassle-free connection. A single Data Manager enables up to 200 inverters to be commissioned centrally in just a few minutes.

Efficient control, convenient monitoringEach device can be controlled directly via reliable, fast Ethernet communication between Data Manager and inverter. The entire plant portfolio can be centrally monitored with the new Sunny Portal powered by ennexOS. Changes to the configuration are easily made across plants without setting up multiple VPN connections. Additional monitoring systems can access all devices via the open Modbus / TCP interface.

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