

## Hybrid Inverter 20 kW - Deye

**Model: DEYE HYBRID INVERTER 20KW**

### Short Description

The three-phase 20 kW hybrid inverter from Deye is the ideal solution for large photovoltaic systems with high energy demands. Thanks to its exceptional charge and discharge capacity of up to 350 A, this model is perfectly suited for demanding energy systems in commercial, industrial, or large residential applications.

In addition to its high current handling capabilities, the device offers compatibility with diesel generators, a variety of communication interfaces, and flexible use - both for grid-tied and off-grid systems.

### Typical Applications

- Commercial and industrial facilities with high power consumption
- Large residential buildings with PV systems and battery storage
- PV systems with backup function for critical infrastructure
- Off-grid systems with a high storage share

### System Advantages

- 350 A charge/discharge current - designed for power-hungry systems
- Parallel connection of up to 10 units - high scalability
- AC retrofit - ideal for upgrading existing PV systems
- Compatible with diesel generators - for increased energy security
- 6 configurable charge/discharge time windows - individually plannable
- Battery compatibility - 48 V systems, lead-acid and lithium-ion batteries
- Multiple MPPT trackers - optimal yields in complex configurations
- IP65 protection class - suitable for harsh environments