

## Intelligent energy meter

# VOITAS Smart Meter

### Functions

- VOITAS Smart Meter measures and redirects available surplus solar energy to charge an electric vehicle.
- Real-time measurement of energy from PV installations.
- Automatic switching from three-phase to single-phase charging.
- Wireless communication with VOITAS chargers via W-LAN.
- Cooperation with any PV system. Independent measurement by current transformers.
- Simple installation, without costly changes to the electrical and PV system.



# VOITAS Smart Meter – Technical specification

Nominal voltage	1/3x230 V AC 50Hz
Rated power input	1W
Measured current range	0-50A AC
Measured voltage range	100-260 V AC
Working temperature range	-25°C to 40°C
Ingress protection	IP 20
Wire gauge	2,5 mm <sup>2</sup>
Dimensions	89x89x70 [mm]
Mounting	DIN rail, 4 modules
Communication	Wi-Fi 2.4GHz 802.11 b/g/n
Weight	152 g
App control	Yes
Compliance with norms, directives and certificates	EU Directive 2014/35/EU, RoHS, the EMC Directive(2014/30/EU) and the RED Directive (2014/53/EU)