coolcept

StecaGrid 1500, StecaGrid 2000, StecaGrid 2500, StecaGrid 3010, StecaGrid 3600, StecaGrid 4200

Highest efficiency with longer service life

The high efficiency results in a peak efficiency of 98.6 % and a european efficiency of up to 98.3 %, which results in less lost power that must be dissipated into the environment. This improves your yields.

In addition to this, a new and unique cooling concept inside the inverter ensures an even distribution of the dissipated heat and a long service life for the device.

Product design and visualisation

The StecaGrid has a graphical LCD display for visualising the energy yield values, current performance and operating parameters of the system. Its innovative menu allows individual selection of the various measurements.

The guided, pre-programmed menu allows easy final commissioning of the device.

Installation

The lightweights weigh only 8.3 kg, 9.1 kg and 9.6 kg and can be easily and safely mounted on a wall. The supplied wall bracket and practical recessed grips for right and left handed installers make mounting of the device simple and convenient. The device does not need to be opened for installation. All connections and the DC circuit breaker are externally accessible.

Product features

- Highest efficiency
- Simple installation
- Integrated data logger
- Low housing temperature at full load
- Integrated DC circuit breaker
- Protective insulation according to protection class II
- Very long service life
- Droop Mode for integration in hybrid systems
- Fixed voltage mode for other energy sources
- Up to 7-year free warranty after registration
- Optimised shadow management using global MPP tracking

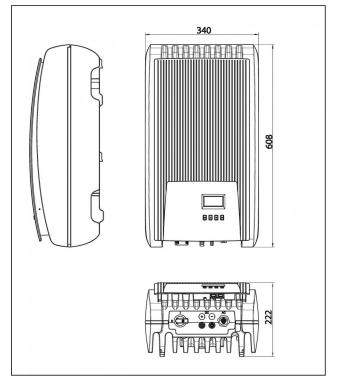
Displays

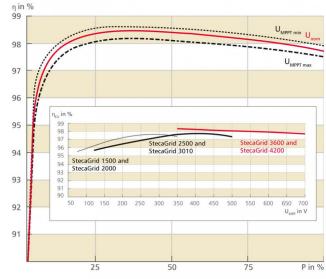
- Multifunction graphical LCD display with backlighting
- Animated representation of yield

Operation

- Simple menu-driven operation
- Multilingual menu navigation







Efficiency values for the StecaGrid 3600 and comparison of the MPPT voltage of the all types





Opcings 144 terms in protocolsDecember 140000December 140000Performance 1400000Performance 1400000Performance 1400000Performance 14000000Performance 14000000000000000000000000000000000000		StecaGrid 1500	StecaGrid 2000	StecaGrid 2500	StecaGrid 3010	StecaGrid 3600	StecaGrid 4200
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Dimensions (X x Y x Z) 340 x 608 x 222 mm Weight 8.3 kg 8.3 kg 9.6 kg 9.1 kg 9.1 kg Communication interface RS-485 (2 x RJ45 sockets; connectable to Meteocontrol WEB'log or Solar-Log™, Ethernet interface (1 x RJ45), Modbus RTU (1 x RJ10 socket: connectable to energy counter) Integrated DC circuit breaker yes, compliant with VDE 0100-712 Cooling principle temperature controlled fan, variable speed, internal (dustproof) Ethernet							
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Communication interface RS-485 (2 x RJ45 sockets; connectable to Meteocontrol WEB'log or Solar-Log [™] , Ethernet interface (1 x RJ45), Modbus RTU (1 x RJ10 socket: connectable to energy counter) Integrated DC circuit breaker yes, compliant with VDE 0100-712 Cooling principle temperature controlled fan, variable speed, internal (dustproof)		8.3 kg 8.3 kg 9.6 kg 9.6 kg 9.1 ka 9.1 ka					
Integrated DC circuit breaker yes, compliant with VDE 0100-712 Cooling principle temperature controlled fan, variable speed, internal (dustproof)	Communication interface						
Cooling principle temperature controlled fan, variable speed, internal (dustproof)	Integrated DC circuit breaker						
	•		tempe			tproof)	
		see certificate download on the product page					

Maximum active power Belgium: StecaGrid 3600(x) / 4200(x) = 3,330 W (cos phi = 1)
Rated power Portugal: StecaGrid 3600(x) = 3,450 W, StecaGrid 4200(x) = 3,680 W

