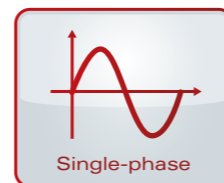


Setting the standard for isolated string inverters. The PLATINUM® H inverter.

The PLATINUM® H inverter offers safety, user-friendliness and the highest degree of efficiency in the isolated inverter market. Thanks to the low weight of these units and the fact that all settings can be adjusted directly on the inverter, installation is made a lot easier and requires no additional software tools. Excellent information is provided by the graphics display and the integrated web server, which allows the unit to be monitored from a PC in real-time. The PLATINUM® H series includes four models ranging from 2.1 to 4.6 kW and is suitable for all module types.

- Efficiency of up to 97.3 %
- Convection cooling
- Weight: 19 – 21 kg
- Integrated web server
- Graphics display
- 10-year free manufacturer's warranty



Specifications				
H Inverter	2100 H	3000 H	4000 H	4600 H
DC Input				
Max. PV power	2,350 Wp	3,450 Wp	4,450 Wp	5,150 Wp
Max. DC power (@ cos phi = 1)	2,100 W	3,000 W	4,000 W	4,600 W
MPPT voltage range	230 V ... 480 V			
Max. input voltage	600 V			
Max. MPPT input current	9.5 A	13.5 A	18.0 A	21.0 A
Number of string inputs	3			
Number of MPP trackers	1			
DC disconnect	optional, device integrated			
Reverse polarity protection	yes			
DC short circuit current	14.2 A	20.2 A	27 A	31.5 A
Ground fault monitoring	isolation control			
AC Output				
Rated power (@ cos phi = 1)	2,000 W	2,900 W	3,800 W	4,400 W
Rated current	9.0 A	13.0 A	17.0 A (16.0 A*)	20.0 A (16.0 A*)
Max. apparent power	2,000 VA	2,900 VA	3,800 VA	4,400 VA
Max. AC current	10.5 A	15.2 A	19.7 A	23.0 A
Power feed starts at	7 W			
Mains output voltage	230 V (+/-20 %)			
Feed in phases / connection phases	1 feed in phase / 1 connection phase			
Max. permitted grid impedance ^{[Z_{max}] (EN 61000-3-11)}	n/a		446 mΩ	379 mΩ
Standby consumption	< 1 W			
Mains frequency	50 Hz (+/-10 %)			
Short circuit resistance	yes			
Power factor (cos phi)	0.9 ind. ... 0.9 cap.			
Ground fault monitoring	-			
Interfaces				
DC connection	Multicontact MC4			
AC connection	screw terminals			
Interfaces	Ethernet / CAN			
Alarm relay	-			
Appliance data				
Maximum efficiency	96.9 %	97.0 %	97.2 %	97.3 %
European efficiency	96.0 %	96.2 %	96.6 %	96.9 %
Weight	19 kg	19 kg	21 kg	21 kg
Dimensions	H 610 x W 353 x D 154 mm			
Operating temperature	-25 °C ... +65 °C			
Storage temperature	-30 °C ... +80 °C			
Relative humidity (non-condensing)	4 % ... 99 %			
Altitude at rated power	2,000 m / 6,560 ft			
Protection degree	IP 65 according to DIN EN 60529			
Protection class / overvoltage category	I / III			
Display	graphic color LCD, three LEDs for visual status indication			
Data logger	storage capacity sufficient for 20 years operating time / integrated webserver			
System topology	HF transformer with galvanic isolation			
Cooling	convection cooling			
Standards / grid codes	VDE 0126-1-1, VDE AR-N 4105, CEI 0-21, C10/11, G83/1, EN 50438, ÖNORM E8001-4-712, UTE C15-712-1, RD 1663, IEC 62109			
Warranty	10 years			
Type designation	2100 H	3000 H	4000 H	4600 H

The new PLATINUM® H series satisfies the "Energy Management (56 EEG)" market requirement specification and the "Low-voltage Directive VDE AR-N-4105".

*UK and Denmark: Adjustable current limit of 16 A. Subject to alterations. More than 45 countries are currently supported. An up-to-date type designation list can be found in the download area on our website under Certificates/Overview (as at May 2012).