



Grid connected Inverter

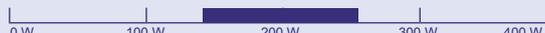


GRIDFIT 250

gridfit 250 LV

Power class

140 - 250 W



GRIDFIT250 A VERSATILE INVERTER

The Gridfit 250 is a grid-connected inverter which combines safety with high quality and reliability. The Gridfit 250 is suitable for use with solar modules of 72 cells or 2 x 36 cells in series, and can be applied over a wide power range from 140 to 250 Wp.

INSTALLATION

The Gridfit 250 is suitable for indoor as well as outdoor installation. On the AC side a H05RN-F cable is used which is weather and temperature resistant and is available on request with a Class II mains plug. On the DC side the inverter is connected by means of high-quality PV Multi-Contact plugs. The mounting brackets, which can be turned in almost any position, can be moved into grooves at the side of the inverter. This makes a modular structure possible, for instance, with 4 inverters in a row. If required, the inverter can be connected to the standard three-phase 400 Volt grid.

Every day the sun sends us sufficient energy to keep the total world population supplied with energy for years and years.

Features

- a high-quality inverter for a modest price
- suitable for inside or outside
- simple to connect
- suitable for wall-mounting
- suitable for parallel application
- suitable for a standard three phase 400 Volt system
- uses the latest and most advanced SMD technology
- uses optical signalling
- has class II galvanic separation between the AC and the DC side
- very fast maximum power point tracker
- extensively tried and tested; meets all required standards (ECN / KEMA)
- sturdy impact-proof housing
- components meet the most stringent standards
- very long life

SH-No.:	142500		
GRIDFIT	250		
Input:		Output:	
Solar generator	till 250 Wp	Maximum output	200 Watt
Nominal voltage	34 VDC	Nominal voltage	230 V AC (-10% + 5%)
	1 x 34 V MPP or	Current range	0 to 1.1 A
	2 x 34 V MPP parallel or	Nominal power	0.87 A
	2 x 17 V MPP serial	Frequency	50 Hz (+/- 1%)
Current range	0 - 7 A DC	Power factor cos phi	1
Nominal power	6.6 A DC	MPP efficiency	>98%
Mpp voltage range	27 to 50 V DC	European efficiency	>90%
Initial peak voltage	27 V DC	Stand-by power	0.008 W
Maximum voltage	50 V DC		
		Miscellaneous:	
		Dimensions	143 x 210 x 50 mm
		Weight	1500 g
		Safety tests	(EN 60950, KEMA)
		EMC	EN 5081 and EN 50082
		Insulation rating	2
		Ambient temperature	-25°C to +60°C
		Protection class	IP 65
		Main connector	MC Contact
		Expected life span	20 years