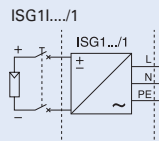




PV inverter grid connected indoors ISG11

- Field of application:
For use with mono- and polycrystalline PV modules to build up a photovoltaic system
- Transformerless design
- High efficiency
- Fanless design keeps the device clean
- ENS acc. to VDE 0126-1-1 integrated
- RCMU acc. to VDE 0126-1-1 integrated
- Application acc. to IEC 60364-7-712 and IEC 62548*)

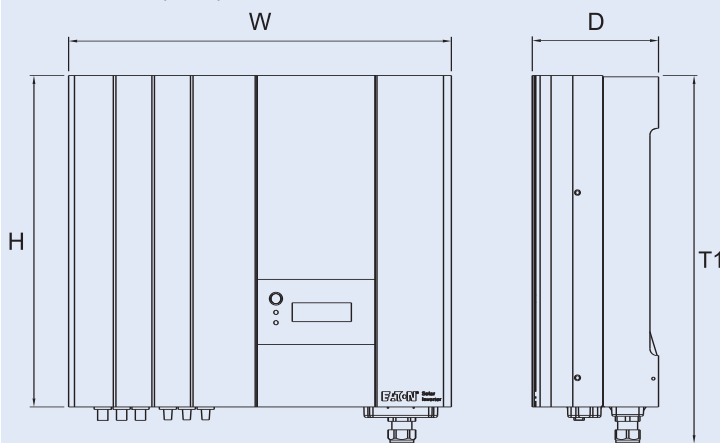
Connection diagram



Technical Data

		ISG11-1500/1	ISG11-2000/1	ISG11-2800/1	ISG11-3300/1	ISG11-4000/1
Electrical						
DC	Max. DC power	1760 W	2320 W	3180 W	3820 W	4630 W
	Max. DC voltage	450 VDC	500 VDC	500 VDC	500 VDC	500 VDC
	MPP voltage range	150-405 VDC	150-450 VDC	150-450 VDC	150-450 VDC	150-450 VDC
	Nominal DC voltage	360 VDC	400 VDC	400 VDC	400 VDC	400 VDC
	Max. input current	8.9 ADC	10 ADC	13 ADC	17 ADC	20 ADC
	MPPTracker	1	1	1	1	1
AC	Output power	1500 W	2000 W	2800 W	3300 W	4000 W
	Max. output power	1650 W	2200 W	3000 W	3600 W	4400 W
	Operating voltage	190-256 VAC	190-256 VAC	190-256 VAC	190-256 VAC	190-256 VAC
	Operating frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
	Current THD	~ 3%	~ 3%	~ 3%	~ 3%	~ 3%
	Power factor	< 1	< 1	< 1	< 1	< 1
Power connection		1-phase	1-phase	1-phase	1-phase	1-phase
SYSTEM	Max. efficiency	> 95%	> 96%	> 96%	> 96%	> 96%
	Euro efficiency	> 94%	> 95%	> 95%	> 95%	> 95%
	Stand-by power	≤ 7 W	≤ 7 W	≤ 7 W	≤ 7 W	≤ 7 W
	Overvoltage category	III	III	III	III	III
	Degree of protection	IP43	IP43	IP43	IP43	IP43
	Operating temperature	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C
	Humidity (non-condensing)	0-95%	0-95%	0-95%	0-95%	0-95%
	Acoustic noise level	< 35 dBA	< 35 dBA	< 35 dBA	< 35 dBA	< 35 dBA
Comm. interface		RS232 (RS485 optional)				
Display		LCD / 1 line, 16 characters				
Mechanical						
W x H x D [mm]		326x270x130	360x303x130	360x303x145	447x389x146	447x389x146
T1 [mm]		340	373	373	459	459
Weight [kg]		9.2	11.5	12.5	16.4	16.4

Dimensions (mm)



Explanation:

THD Total Harmonic Distortion
*) in preparation