



MODEL	XS2000	XS3200	XS4300	XS6500
SOLAR INPUT DC				
Recommended PV power range	1300-2000Wp	2200-3300Wp	2900-4350Wp	4000-7000Wp
Nominal input power	1590W DC	2650W DC	3490W DC	5265W DC
Maximum input power	1670W DC	2780W DC	3660W DC	5525W DC
Start-up power	5W	7W	7W	10W
Operating voltage range	62-450V DC	100-600V DC	100-550V DC	100-600V DC
MPP voltage range at nom. power	145-360V DC	180-480V DC	230-440V DC	180-480V DC
Maximum voltage	450V DC	600V DC	550V DC	600 V DC
Rated current	11A	15A	15A	2x15A o 1x30A
MPP tracker	1	1	1	2
DC connection	2 sets of MultiContact (4mm) connectors			
GRID OUTPUT AC				
Voltage	230V AC (184-276 Italy), single phase			
Nominal output power at 45°C	1500W	2500W	3300W	5000W
Maximum output power	1575W	2625W	3465W	5250W
Nominal current	8A	13A	17A	25A
Frequency	45 - 65Hz (according to country)			
Standby power	< 0.5 W			
European efficiency	94.4% a 300V	94.3% a 400V	94.6% a 370V	94.5% a 400V
Maximum efficiency	95.7%	95.4%	95.6%	95.5%
AC connection	terminal block 2.5 - 4mm ²			
GENERAL DATA				
Operating temperature	from -20° to 60°C, full power up to 45°C ambient air temperature, derating -3%/°C above 45°C			
Relative humidity	maximum 95% non-condensing, PCB has anti-moisture coating			
Protection degree	IP44			
Dimensions (h x w x d) mm	545x356x145	545x356x145	545x356x145	725x356x145
Weight	10kg	10kg	10kg	15kg
FVG ENERGY CODE	50820	50821	50822	50823

MODEL	XL10	XL15
SOLAR INPUT CC		
Recommended PV power range	from 9 to 13 Kwp	from 14 to 20Kwp
Maximum input power	11200W DC	16800W DC
Continuous power at 40°C	10650 W DC	15975W DC
Start-up power	3x10W	3x10W
Operating voltage	100-550V DC; nominal 400V DC	100-600V DC; nominal 400V DC
MPP voltage range at nominal power	180-480V DC	180-480V DC
Maximum voltage	600V DC	600 V DC
Rated current	3x15A	3x30A
MPP tracker	3 MPP tracker with 99.9% MPP efficiency (Fraunhofer algorithm)	
DC connectors	6 MultiContact II connectors	
GRID OUTPUT AC		
Voltage	3x230V AC three phase	
Nominal power	10000W	15000W
Maximum power	10500W	15750W
Nominal current	3x15A	3x22A
Frequency	50Hzmodels: programmable from 48 to 52Hz	
Stand-by power	< 0.5 W	
EU efficiency	95% at Unom	
Maximum efficiency	96%	96%
AC connectors	AC and DC glands on detachable plate in bottom of connection compartment.	
GENERAL DATA		
Operating temperature	-20°C to +60°C ambient, full power up to 45°C ambient air temperature, derating 3%/°C above 45°C	
Relative humidity	Protected against humidity and condensing air by PCB coating	
Protection degree	IP55	
Dimensions (h x w x d) mm	1200x580x480 (with legs: 1408x638x480)	
Weight	135kg	
FVG ENERGY CODE	50824	50825