

EU-ON GRID

Three Phase / On-grid / 30 kW



Max. PV voltage up to 1100 V
Type DC / AC SPD



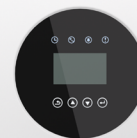
Compatible for big capacity PV panel
WiFi / 4G Plug optional



DC / AC ratio up to 1.5
IP66 Protection



High efficiency up to 98.7%
Smaller and lighter



MODEL		EU-OG/30KSF	
Input (DC)			
Max. DC Voltage	1100 V		
Nominal Voltage	650 V		
Start Voltage	250 V		
MPPT Voltage Range		200 V ~ 1000 V	
Number of MPPT Tracker		3	
Strings Per MPPT Tracker	2		
Max. input Current Per MPPT	30 A		
Max. Short-circuit Current Per MPPT	40 A		
Output (AC)			
Nominal AC Output Power		30000 W	
Max. AC Apparent Power		33000 VA	
Nominal AC Voltage	230 / 400 V, 3P+N+PE		
AC Grid Frequency Range	50 / 60 Hz (±5Hz)		
Max. Output Current		47.8 A	
Power Factor (cosΦ)	0.8 leading - 0.8 lagging		
THDi	3%		
Efficiency			
Max. Efficiency		98.7%	
Euro Efficiency		98.4%	
Protection Devices			
DC Switch	Yes		
Output Over Current	Yes		
Anti-islanding Protection	Yes		
DC Reverse Polarity Protection	Yes		
String Fault Detection	Optional		
DC / AC Surge Protection	DC: Type II / AC: Type III / Type II Optional		
Insulation Detection	Yes		
AC Short Circuit Protection	Yes		
General Specifications			
Dimensions (W x H x D)		380 x 483 x 223 mm	
Weight		25.5 kg	
Operating Temperature Range	-25°C ~+ 60°C		
Cooling Type	Fan cooling		
Max. Operating Altitude	4000 m		
Max. Operating Humidity	0 - 100% (No condensation)		
AC Output Terminal Type	Connector		
IP Class	IP66		
Topology	Transformer - less		
Communication	RS-485 / Wifi / 4G		
Display	LCD		
Certification & Standard	EN/IEC 62109-1/2; IEC/EN 61000-6-2; IEC/EN 61000-6-4; IEC 61683; IEC 60068; IEC 60529; IEC 62116; IEC 61727; EN 50549-1; AS 4777.2; VDE-AR-N-4105; VDE 0126-1-1; CEI-021; G 99; C10/11; NB/T 32004-2018 ;GB/T 19964-2012		