

EU-ON GRID

Three Phase / On-grid / 10-15-20 kW



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



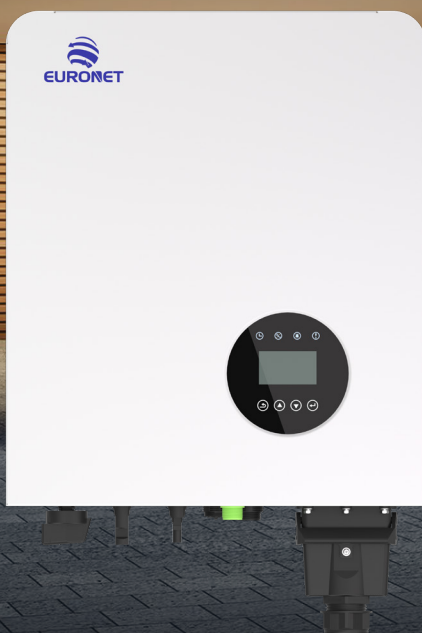
Compatible for Big Capacity PV Panel
WiFi / 4G Plug Optional



DC / AC Ratio up to 1.3
IP66 Protection



High Efficiency up to 98.6%
Smaller and Lighter



MODEL	EU- OG/10KSF	EU- OG/15KSF	EU- OG/20KSF
Input (DC)			
Max. DC Voltage	1100 V	1100 V	1100 V
Nominal Voltage	650 V	650 V	650 V
Start Voltage	250 V	250 V	250 V
MPPT Voltage Range	140 V ~ 1000 V	140 V ~ 1000 V	140 V ~ 1000 V
Number of MPPT Tracker	2	2	2
Strings Per MPPT Tracker	1	2 / 1	2
Max. input Current Per MPPT	15 A	30 A / 15 A	30 A
Max. Short-circuit Current Per MPPT	20 A	40 A / 20 A	40 A
Output (AC)			
Nominal AC Output Power	10000 W	15000 W	20000 W
Max. AC Output Power	11000 V A ²⁾	16500 VA	22000 VA
Nominal AC Voltage	400 / 230 V, 3P+N+PE	400 / 230 V, 3P+N+PE	400 / 230 V, 3P+N+PE
AC Grid Frequency Range	50 Hz / 60 Hz ±5Hz	50 Hz / 60 Hz ±5Hz	50 Hz / 60 Hz ±5Hz
Max. Output Current	16.0 A ²⁾	23.9 A	31.9 A
Power Factor (cosΦ)	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging
THDi	3%	3%	3%
Efficiency			
Max. Efficiency	98.6%	98.6%	98.6%
Euro Efficiency	98.1%	98.2%	98.3%
Protection Devices			
DC Switch	Yes	Yes	Yes
Anti-islanding Protection	Yes	Yes	Yes
Output Over Current Protection	Yes	Yes	Yes
DC Reverse Polarity Protection	Yes	Yes	Yes
String Fault Detection	Yes	Yes	Yes
AC / DC Surge Protection	DC Type II; AC Type III; Type II Optional	DC Type II; AC Type III; Type II Optional	DC Type II; AC Type III; Type II Optional
Insulation Detection	Yes	Yes	Yes
AC Short Circuit Protection	Yes	Yes	Yes
General Specifications			
Dimensions (W x H x D)	380 x 483 x 193 mm	380 x 483 x 193 mm	380 x 483 x 193 mm
Weight	20.7 kg	20.7 kg	20.7 kg
Operating Temperature Range	-25°C ~+ 60°C	-25°C ~+ 60°C	-25°C ~+ 60°C
Cooling Type	Fan Cooling	Fan Cooling	Fan Cooling
Max. Operating Altitude	4000 m	4000 m	4000 m
Max. Operating Humidity	0 - 100% (No condensation)	0 - 100% (No condensation)	0 - 100% (No condensation)
AC Output Terminal Type	Connector	Connector	Connector
IP Class	IP66	IP66	IP66
Topology	Transformerless	Transformerless	Transformerless
Communication Interface	RS-485 / WIFI / 4G	RS-485 / WIFI / 4G	RS-485 / WIFI / 4G
Display	LCD	LCD	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; VDE-AR-N-4105; VDE 0126-1-1; CEI 0-21; G99; C10/11; NB/T 32004-2018 ; GB/T 19964-2012		

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		