

EU-ON GRID

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



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



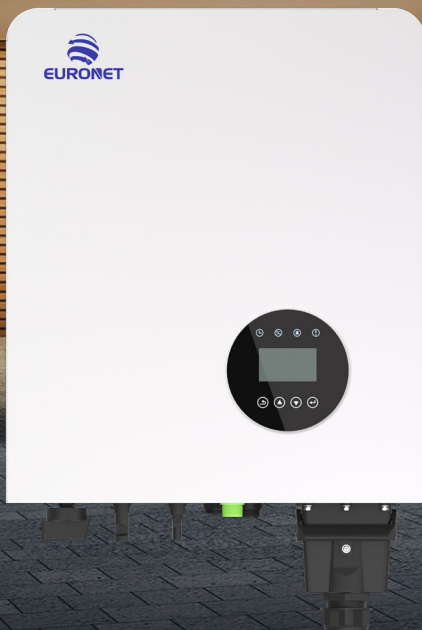
Compatible for Big Capacity PV Panel
WiFi / 4G Plug Optional



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			