



Euronet ON GRID Inverter

Serving inspiration with every generation
Unlock new business mode independently



EU-ON GRID

Single Phase / On-grid / 5–8 kW



Max. PV Voltage up to 600 V
DC / AC Ratio up to 1.5



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



Type III DC SPD / Type III AC SPD
IP65 Protection



High Efficiency up to 98.3%
Smaller and Lighter



MODEL		EU- OG/5KSF	EU- OG/8KSF
Input (DC)			
Max. DC Voltage		600V	600V
Nominal Voltage		380V	380V
Start Voltage ^{e)}		120V	100V
MPPT Voltage Range		80V ~ 560V	80V ~ 540V
Number of MPPT		2	2
Strings Per MPPT		1	1
Max. Input Current Per MPPT		15 A	26 A / 16A ¹⁾
Max. Short-circuit Current Per MPPT		18 A	31 A / 19 A
Output (AC)			
Nominal AC Output Power		5000 W ²⁾	8000W
Max. AC Apparent Power		5500V A ⁴⁾	8000VA
Nominal AC Voltage		230 VL-N	230 VL-N
AC Grid Frequency Range		50Hz / 60Hz ±5Hz	50Hz / 60Hz ±5Hz
Max. Output Current		24 A ⁶⁾	35 A
Power Factor (cosΦ)		0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging
THDi		< 3%	< 3%
Efficiency			
Max. Efficiency		98.3%	98.3%
Euro Efficiency		97.9%	97.9%
Protection devices			
DC Switch		Yes	Yes
Anti-islanding Protection		Yes	Yes
Output Over Current Protection		Yes	Yes
DC Reverse Polarity Protection		Yes	Yes
DC / AC Surge Protection		DC Type III; AC Type III	DC Type III; AC Type III
Insulation Detection		Yes	Yes
AC Short Circuit Protection		Yes	Yes
General Specifications			
Dimensions (W x H x D)		380 x 380 x 150 mm	380 x 380 x 150 mm
Weight		11 kg	13 kg
Operating Temperature Range		-25°C ~+ 60°C	-25°C ~+ 60°C
Cooling Type		Natural convection	Fan cooling
Max. Operating Altitude		≤ 4000 m	≤ 4000 m
Max. Operating Humidity		0 - 100%	0 - 100%
AC Output Terminal Type		Quick Connector	Quick Connector
IP Class		IP65	IP65
Topology		Transformerless	Transformerless
Communication		RS-485 / WIFI / 4G	RS-485 / WIFI / 4G
Display		LCD / Bluetooth + App	LCD / Bluetooth + App
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; NRS 097; VDE-AR-N-4105; VDE 0126-1-1; CEI 0-21; G98/G99; C10/11; UNE 217001; UNE 217002; NB/T 32004-2018 ; GB/T 19964-2012; INMETRO O ⁷⁾		

1) The maximum current of PV1 is 26 A, So PV1 can be expanded into two Strings by using Y-connectors.

2) Nominal AC output power is 4999 W for Australia and 4600 W for Germany and South Africa.

3) Max. AC apparent power is 3680 VA for the UK.

4) Max. AC apparent power is 4999 VA for Australia, 5000 VA for Belgium and 4600 VA for Germany and South Africa.

5) Maximum output current is 16 A for England.

6) Maximum output current is 21.7 A for Australia and 20 A for Germany and South Africa.

7) For BluE-G 8000D: 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; INMETRO.

8) Minimum voltage for inverter to start power output.

EU-ON GRID

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



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



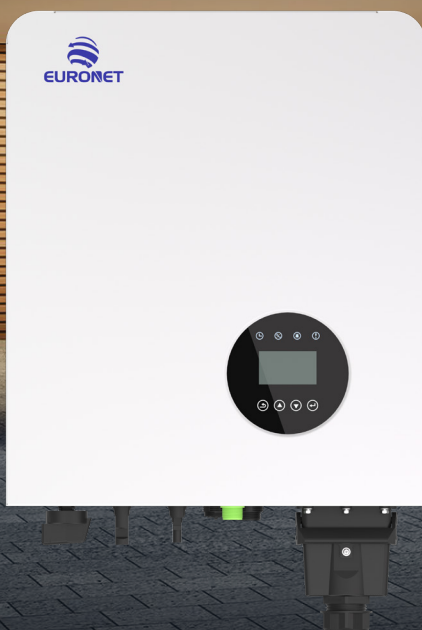
Compatible for Big Capacity PV Panel
WiFi / 4G Plug Optional



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



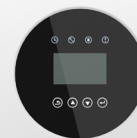
Compatible for big capacity PV panel
WiFi / 4G Plug optional



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		

EU-ON GRID

Three Phase / On-grid / 50–80 kW



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



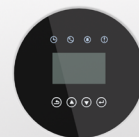
Reactive Power Control
WiFi / 4G Plug Optional



DC / AC Ratio up to 1.5
IP66 Protection



High Efficiency up to 98.6%
Smaller and Lighter



MODEL	EU- OG/50KSF		EU- OG/80KSF	
Input (DC)				
Max. DC Voltage	1100 V		1100 V	
Nominal Voltage	650 V		650 V	
Start Voltage	250 V		250 V	
MPPT Voltage Range	200 V ~ 1000 V		200 V ~ 1000 V	
Number of MPPT	4		4	
Strings Per MPPT	2		3	
Max. input Current Per MPPT	32 A		45 A	
Max. Short-circuit Current Per MPPT	48 A		60 A	
Output (AC)				
Nominal AC Output Power	50000 W		80000 W	
Max. AC Apparent Power	55000 VA		88000 VA	
Nominal AC Voltage	230 / 400 V, 3P+N+PE		230 / 400 V, 3P+N+PE	
AC Grid Frequency Range	50 Hz / 60 Hz (±5Hz)		50 Hz / 60 Hz (±5Hz)	
Max. Output Current (@220V)	83.3 A		127.5 A	
Power Factor (cosΦ)	0.8 leading - 0.8 lagging		0.8 leading - 0.8 lagging	
THDi	3%		3%	
Efficiency				
Max. Efficiency	98.5%		98.6%	
Euro Efficiency	98.2%		98.3%	
Protection Devices				
DC Switch	Yes		Yes	
Output Over Current Protection	Yes		Yes	
Anti-islanding Protection	Yes		Yes	
DC Reverse Polarity Protection	Yes		Yes	
String Fault Detection	Optional		Optional	
DC / AC Surge Protection	Type II		Type II	
Residual Current Monitoring	Yes		Yes	
AC Short Circuit Protection	Yes		Yes	
General Specifications				
Dimensions (W x H x D)	548 x 540 x 289 mm		548 x 540 x 289 mm	
Weight	51 kg		55 kg	
Operating Temperature Range	-25°C ~+ 60°C		-25°C ~+ 60°C	
Cooling Type	Fan Cooling		Fan Cooling	
Max. Operating Altitude	4000 m		4000 m	
Max. Operating Humidity	0 - 100% (No Condensation)		0 - 100% (No Condensation)	
AC Output Terminal Type	OT terminal		OT terminal	
IP Class	IP66		IP66	
Topology	Transformer - less		Transformer - less	
Communication	RS-485 / Wifi / 4G		RS-485 / Wifi / 4G	
Display	LCD		LCD	
Certification & Standard	EN/IEC 62109-1; EN/IEC 62109-2; IEC/EN 61000-6-1; IEC/EN 61000-6-3; IEC/EN 61000-6-2; IEC/EN 61000-6-4; IEC 61683; IEC 60068; IEC 60529; IEC 62116; IEC 61727; EN 50549-1; NC RfG; VDE-AR-N-4105; VDE 0126; CEI 0-21;			

EU-ON GRID

Three Phase / On-grid / 120 kW



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



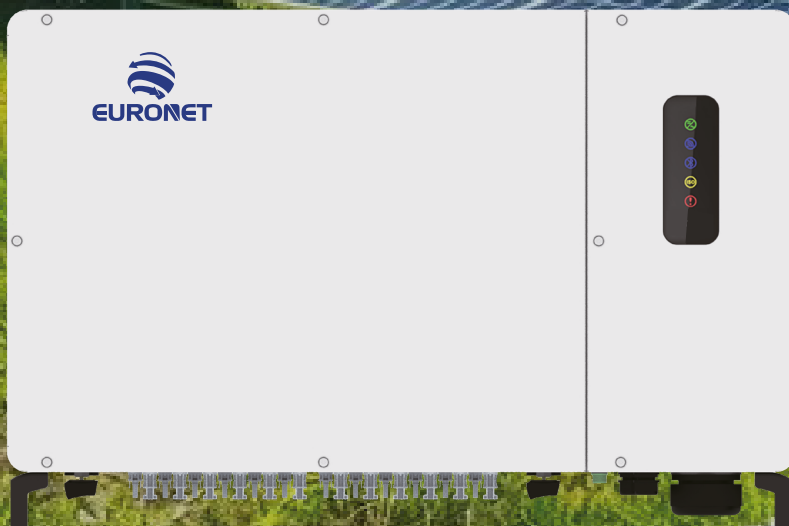
Compatible for big capacity PV panel
WiFi / 4G Plug optional



DC / AC ratio up to 1.5
IP66 Protection



High efficiency up to 98.7%
Smaller and lighter



MODEL	EURO-120KW
Input (DC)	
Max. DC voltage	1100V
Nominal voltage	620V
Min./Startup voltage	250V
MPPT voltage range	200V-1000V
MPPT voltage range at full load	550V-850V
Number of MPPT	10
No. of Strings per MPPT	2
Number of strings input	20
Max. input current per MPPT	30A
Max. short-circuit current per MPPT	50A
Output (AC)	
Nominal AC output power	120kW@30℃ / 110kW@40℃ / 100kW@50℃
Max. AC apparent power	121kVA
Max. AC output power	121kW
Nominal AC voltage	320-480Vac / 3W+PE / 3W+N+PE
AC grid frequency range	45-55Hz / 55-65Hz
Rated output current	158.8A
Max. output current	174.6A
Power factor (cos Φ)	0.8leading-0.8lagging
THDi	<3%
Efficiency	
Max. efficiency	98.7%
Euro efficiency	98.3%
Protection Devices	
DC switch	Yes
Anti-islanding protection	Yes
Output over current	Yes
DC reverse polarity protection	Yes
String fault Detection	Yes
AC/DC surge protection	Yes
Insulation detection	Yes
AC leakage current fault protection	Yes
I/V Curve scanning	Yes
Anti-PID function	Optional
General Specifications	
Dimensions W x H x D (mm)	1055*700*336
Weight(kg)	93
Operating temperature range	-25℃~+60℃
Cooling type	Fan cooling
Max. operation altitude	4000m (>3000m derating)
Max. operation humidity	0~100%
Night power consumption	<10W
IP class	IP66
Topology	Transformerless
Communication	RS485 /Bluetooth+APP
Display	LED
Certification & Standard	EN/IEC62109-1; EN/IEC62109-2; IEC/EN61000-6-2;IEC/EN61000-6-4; IEC/EN61000-3-11; IEC/EN61000-3-12; IEC61683;IEC60068;IEC60529;IEC62116;IEC61727;EN50549-1;EN50549-2;NB/T32004-2018; GB/T19964-2012