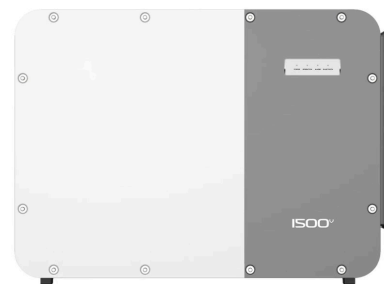


INVERTERS

G6-GU3P(250-320)K06-EV-ND

String inverter · Three-phase · 250 – 320 kW · 2 models


250 – 320 kW

RATED POWER

Three-phase

PHASE

6

MPPT TRACKERS

99.03 %

MAX. EFFICIENCY

Parameter	Unit	G6-GU3P250K06-EV-ND		G6-GU3P320K06-EV-ND	
PV input					
Max. PV input voltage	V	1500			
Rated PV input voltage	V	1080			
Start-up voltage	V	500			
MPPT voltage range	V	480 – 1500			
Max. input current per MPPT	A	70		80	
Max. short-circuit current per MPPT	A	105		125	
Number of MPPT trackers		6			
Max. number of PV string inputs		24		30	
AC output					
Rated output power	W	250000		320000	
Max. apparent power	VA	275000		352000	
Max. active power	W	275000		352000	
Rated AC voltage	V	800			
Grid connection type		3/PE			
Phase		Three-phase			
Rated AC frequency	Hz	50			
Rated AC output current	A	180.4		230.9	
Max. AC output current	A	198.5		254	
Power factor		>0.99 (0.8 leading to 0.8 lagging)			
Total harmonic distortion (THDi)		%<3			
Efficiency					
Max. efficiency	%	99.03			
China efficiency	%	98.53			

Parameter	Unit	G6-GU3P250K06-EV-ND	G6-GU3P320K06-EV-ND
Protection			
Protection functions		Intelligent string disconnection protection; DC reverse polarity protection; AC short-circuit protection; AC output overcurrent protection; Surge protection (DC Type II, AC Type II); Grid monitoring; Anti-islanding protection; Temperature protection; String monitoring; I-V curve scanning; PID recovery; Integrated DC switch	
General data			
Dimensions (W x H x D)	mm	1098 × 813 × 378.5	
Weight	kg	117	119
Topology		Transformerless	
Night-time power consumption	W	<3	
Operating temperature range	°C	-30 – 60	
Relative humidity	%	0 – 100	
Ingress protection (IP rating)		IP66	
Corrosion protection class		C5-M	
Cooling		Intelligent air cooling	
Max. operating altitude	m	4000	
DC port		Matching connector	
AC port		OT terminal (max. 400 mm²)	
Communication			
Display		LED indicators, Bluetooth + app	
Communication interfaces		RS485; PLC (optional)	
Certifications			
Certifications and standards		IEC 62109-1/-2; IEC 61000-6-2/-4	
Grid codes		NB/T 32004	

Specifications are subject to change without notice. Values are typical at 25 °C unless stated.
XUSION is a brand of Hunan New Lithium Aviation Technology Co., Ltd.

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