

# KSG-3000S~6000D

Powering Green Future



## KSG-3000S~6000D

### String Grid-Tied PV Inverter

- \* Max. PV voltage up to 600V
- \* DC power up to 1.35 ratio
- \* High efficiency up to 97.8%
- \* Smaller and lighter
- \* DC/AC surge protection
- \* Reactive power controller
- \* WiFi / GPRS Plug optional

MODEL	KSG-3000S	KSG-3000D	KSG-3600D	KSG-4000D	KSG-4600D	KSG-5000D	KSG-6000D
<b>Input</b>							
Max. DC power	4050W	4050W	4860W	5400W	6210W	6750W	8100W
Max./Rated DC voltage	600V / 380V						
Min. / Start DC voltage	120V / 150V						
MPPT voltage range	80V-550V						
Number of MPPT	1	2					
Strings per MPPT	1						
Max. input current per MPPT	13A	11A					
<b>Output</b>							
Rated AC output power	3000W	3000W	3600W	4000W	4600W	5000W	6000W
Max. AC output power	3300W	3300W	3960W	4400W	5060W	5500W	6600W
Rated AC voltage	230Vac						
AC voltage range	230Vac±20%						
Rated AC grid frequency	50 / 60Hz						
AC grid frequency range	50 / 60Hz(±5Hz)						
Max. output current	14.3A	17.2A	19.1A	22A	23.9A	28.7A	
Power factor (cosΦ)	0.8 leading ~ 0.8 lagging						
THDi	<3%						
AC connection	LN+PE						
Topology	Transformer-less						
<b>Efficiency</b>							
Max. efficiency	97.8%						
Euro efficiency	97.5%						
Standby consumption	<5W/<1W						
<b>Protection devices</b>							
Residual current monitoring unit	Yes						
Ground fault protection	Yes						
Anti-islanding protection	Yes						
Output over voltage protection	Yes						
Output over current protection	Yes						
Output short protection	Yes						
DC reverse-polarity protection	Yes						
<b>Physical</b>							
Dimensions W x H x D (mm)	380X380X150						
Weight(kg)	10			11			
<b>Environment</b>							
Operating temperature range	-25°C~+60°C						
Noise emission (typical)	<25dB						
Cooling type	Natural cooling						
Protection rating	IP65						
<b>Features</b>							
Display	LED & LCD						
Interfaces	RS485						
Optional	DC Switch / WiFi Plug / GPRS Plug						

Specifications subject to change without prior notice.

**KSTAR**

Stock code: 002518

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