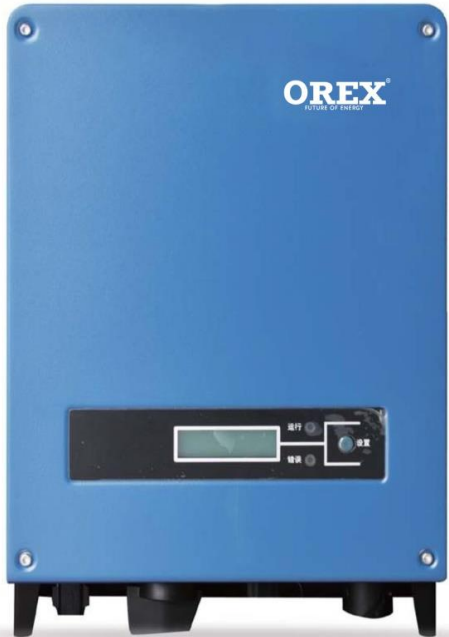


## String Grid-Tied PV Inverter



Max. PV voltage up to 500V  
Dual MPPT  
Dual MPPT



DC/AC surge protection  
IP65 protection  
IP65 protection



High efficiency up to 97.5%  
Smaller and lighter



Reactive power controller  
WiFi / GPRS Plug optional

### Technical Specifications

MODEL	KSG-3.2K-DM	KSG-3.6K-DM	KSG-4K-DM	KSG-4.6K-DM	KSG-5K-DM
<b>Input</b>					
Max. DC voltage/Rated DC voltage			500Vdc / 380Vdc		
MPPT voltage range			100~490Vdc		
Full load MPPT voltage range	150~400Vdc	145~400Vdc	165~400Vdc		240~400Vdc
Min. / start DC voltage			120 / 150Vdc		
Number of MPPT			2		
Strings per MPPT			1		
Max. DC power per MPPT	1800W	2200W	2500W		3000W
Max. input current per MPPT	11A/11A			13A/13A	
<b>Output (AC)</b>					
Max. AC output power	3000W	3680W	4000W	4600W	5000W
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	14A	16A	17.5A	20A	22A
Power factor (cosφ)			0.9 leading~0.9 lagging		
THDi			<3%		
AC connection			LN+PE		
Topology			Transformer-less		
<b>Efficiency</b>					
Max. efficiency			97.5%		
Euro efficiency			97%		
MPPT efficiency			99.90%		
Standby			<5W		
<b>Protection devices</b>					
AC leakage current fault protection			Yes		
Ground fault protection			Yes		
Anti-islanding protection			Yes		
DC overvoltage protection			Yes		
DC surge protection			Yes		
AC surge protection			Yes		
DC reverse-polarity protection			Yes		
<b>Physical</b>					
Dimensions WxDxH (mm)			329×466×149		
Weight (kg)	14.5		14.9		15.5
<b>Environment</b>					
Operating temperature range			-25°C~+60°C		
Noise emission (typical)			<25dB		
Cooling type			Natural cooling		
Protection rating			IP65		
<b>Features</b>					
LCD display			Yes		
Interfaces			RS485		
Optional			DC Switch / WiFi Plug / GPRS Plug		

Specifications subject to change without prior notice.