



KSG-DM SERIES

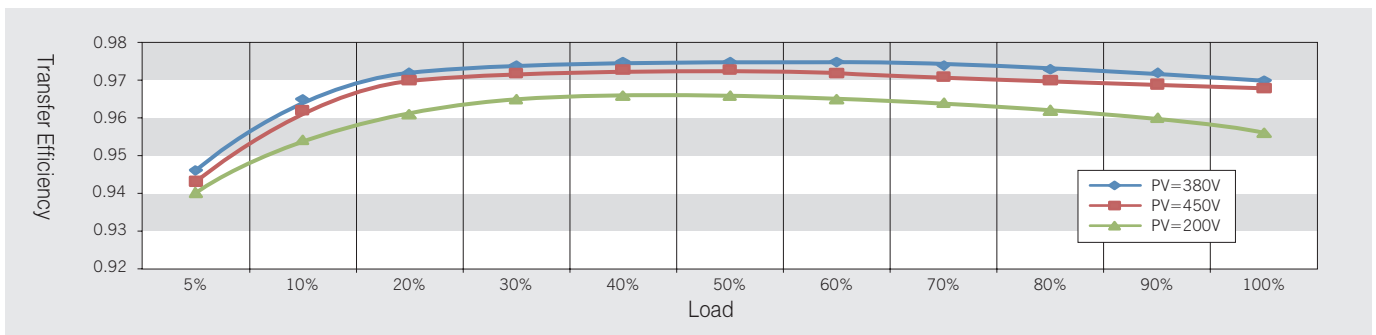
3.2KW/3.6KW/4KW/4.6KW/5KW

- Max PV Voltage up to 500V
- Double MPPT
- High efficiency up to 97.5%
- Smaller and Lighter
- IP65 protection
- Easy installation
- Reactive power controller
- Digital controller

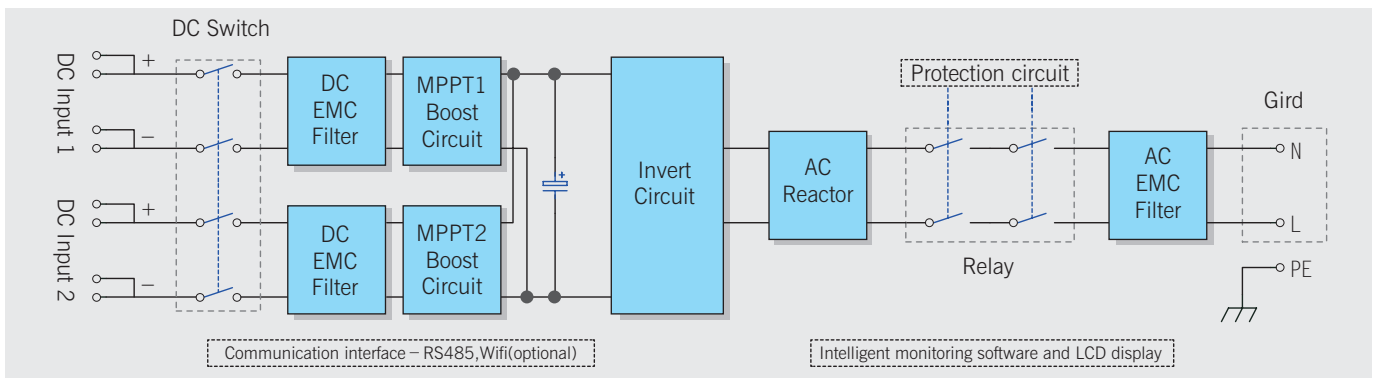


CE, TUV (VDE 4105/VDE 0126) 、SAA、G59、C10/11

Efficiency curve



Circuit diagram



KSG-DM Series Technical Specifications

Model	KSG-3.2K-DM	KSG-3.6K-DM	KSG-4K-DM	KSG-4.6K-DM	KSG-5.0K-DM
Input(DC)					
Max. DC power	3300W	3800W	4200W	4600W	5200W
Max. DC voltage / Norminal DC voltage	500Vdc / 380Vdc				
MPPT voltage range	100~490Vdc				
Fullload mppt voltage range	120 / 150Vdc				
Min. / start DC voltage	150~400Vdc	145~400Vdc	165~400Vdc	200~400Vdc	
Number of MPP trackers	2				
Strings per MPP tracker	1				
Max. DC power per MPP tracker	1800W	2200W	2500W	3000W	
Max. input current per MPP tracker	11A / 11A	13A / 13A			
Output (AC)					
Max. AC output Power	3000W	3680W	4000W	4600W	5000W
Normal AC voltage	230Vac				
AC voltage range	230Vac±20%				
Normal AC grid frequency	50 / 60Hz				
AC grid frequency range	±5Hz				
Max. output current	14A	16A	17.5A	20A	22A
Phase shift (cos φ)	Lagging0.9 – leading 0.9				
THDI	<3%				
AC connection	LN+PE				
Topology	Transformerless				
Efficiency					
Max. efficiency	97.5%				
Euro-eta	97%				
MPPT efficiency	99.90%				
Consumption: standby / night	<5W / <0W				
Protection devices					
PV input insulation protection	Yes				
AC short-circuit protection	Yes				
Ground fault monitoring	Yes				
Mechanism Data					
Dimensions (W / L / D) in mm	329 / 466 / 149				
Weight	14.5Kg	14.9Kg		15.5Kg	
Environment Data					
Operating temperature range	-25°C ~ +60°C				
Noise emission (typical)	≤ 25dB				
Cooling concept	Convection				
Protection rating	IP65				
Features					
LCD display	yes				
Interfaces	RS485 / WIFI (Internal)				
Optional	DC Switch / WIFI				

Specifications subject to change without prior notice.

ОФИЦИАЛЬНЫЙ ДИЛЕР В УКРАИНЕ:

storgom.ua

ГРАФИК РАБОТЫ:

Пн. – Пт.: с 8:30 по 18:30

Сб.: с 09:00 по 16:00

Вс.: с 10:00 по 16:00

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Детальное описание товара:

<https://storgom.ua/product/istochnikbespereboynogopitaniiakstarksg-5k-dm.html>

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