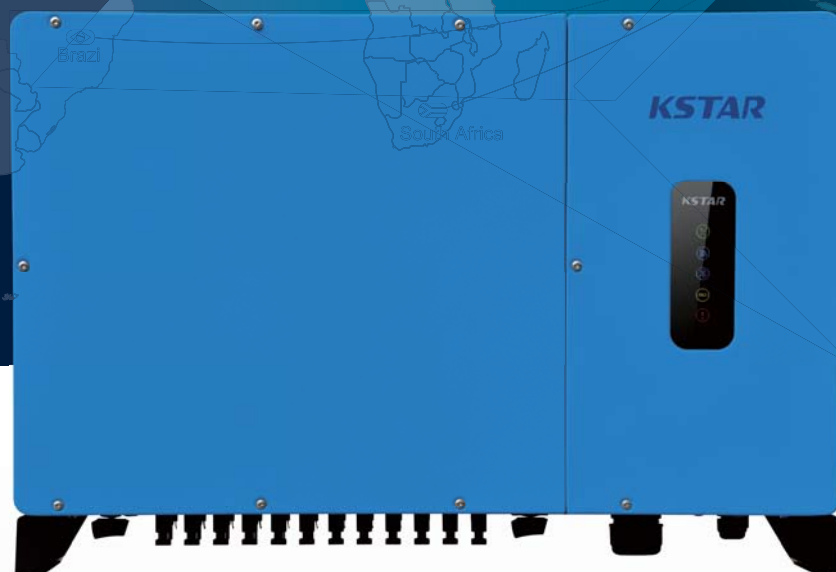


KSTAR

Stock code: 002518

KSG-200UH/KSG-250UH

Powering Green Future



KSG-200UH/KSG-250UH

String Grid-Tied PV Inverter

- * 1500Vdc, 800Vac
- * Smart I-V Curve Function
- * AFCI Function Optional
- * LED+Bluetooth APP
- * 12 MPPT, 24 DC Inputs
- * DC and AC Type II SPD
- * Night SVG Function Optional
- * Max.DC/AC ratio up to 1.5

Model	KSG-200UH		KSG-250UH	
Input(DC)				
Max. DC voltage	1500V			
MPPT voltage range	600-1500Vdc			
MPPT voltage range at full load	880-1300Vdc			
Nominal input voltage	1080V			
Start DC voltage	650V			
Number of strings input	24			
Number of MPPT	12			
Strings per MPPT	2			
Max. input current per MPPT	26A			
Max. short-circuit current per MPPT	35A			
Output(AC)				
Nominal AC output power	200kW @40℃, 175kW @50℃		250kW @40℃, 225kW @50℃	
Max. AC apparent power	200kVA		250kVA	
Max. AC output power	200kW		250kW	
Nominal AC voltage	800Vac,640~920V			
AC connection	3W+PE			
AC grid frequency range	50/60 Hz(±5Hz)(adjustable)			
Rated output current	126.3A		162.4A	
Max. output current	144.3A		176.6A	
Power factor (cos φ)	0.8 leading ~ 0.8 lagging			
THDi	<3%			
Efficiency				
Max. efficiency	99%			
Euro efficiency	98.5%			
Protection devices				
DC switch	Yes			
Anti-islanding protection	Yes			
Output over current	Yes			
DC anti reverse connection	Yes			
String fault Detection	Yes			
DC surge protection	Yes			
AC surge protection	Yes			
Insulation detection	Yes			
PID recover	Yes			
LVRT	Yes			
Physical				
Dimensions (W * H * D)mm	1055 x 700x336			
Weight(kg)	110			
Operating temperature range	-25℃ ~ 60℃ (>50℃ derating)			
Noise emission (typical)	≤70dB			
Cooling type	Fan cooling			
Protection rating	IP66			
Humidity	0~100%			
Input terminal	Amphenol			
Topology	Transformerless			
Certification & Standard				
Standard	EN/IEC 62109-1/2;IEC61727;IEC62116;EN 50549;VDE-AR-N-4110			

Specifications subject to change without prior notice.

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