



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 °C, 175kW @50 °C	250kW @40 °C, 225kW @50 °C
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 °C ~ 60 °C (>50 °C 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.

**KSTAR**

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