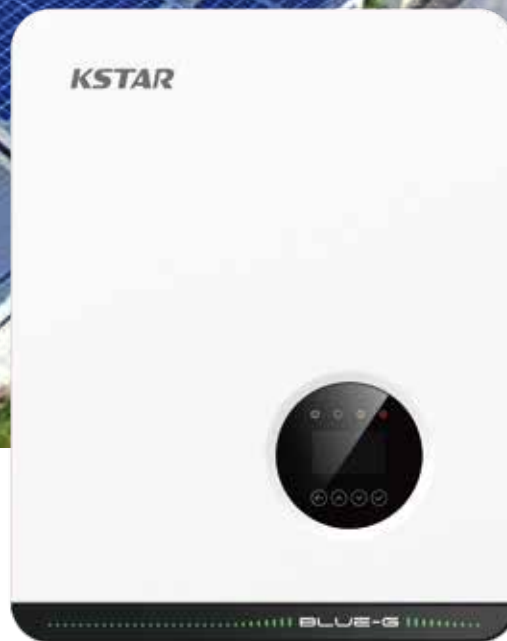


KSG THREE PHASE SERIES

KSG-30KT-M1 / KSG-40KT-M1



PV On-Grid String Inverter



Max. PV voltage up to 1100V
Type II DC / Triple MPPT



Compatible for big capacity PV panel
WiFi / 4G Plug optional



DC/AC ratio up to 1.5
IP66 protection



High efficiency up to 98.7%
Smaller and lighter

MODEL	KSG-30KT-M1	KSG-40KT-M1
Input(DC)		
Max. DC voltage	1100V	1100V
Nominal voltage	620V	620V
Start voltage	250V	250V
MPPT voltage range	200 V~1,000V	200 V~1,000V
Number of MPPT tracker	3	3
Strings per MPPT tracker	2	2
Max. input current per MPPT	30A	30A
Max. short-circuit current per MPPT	40A	40A
Output(AC)		
Nominal AC output power	30000W	40000W
Max. AC output power	33000VA	44000VA
Nominal AC voltage	400V 3L+N	
AC grid frequency range	50 / 60Hz(±5Hz)	
Max. output current	47.8A	63.8A
Power factor(Φ)	0.8leading-0.8lagging	
THDi	3%	
Efficiency		
Max. efficiency	98.7%	98.7%
Euro efficiency	98.4%	98.4%
Protection devices		
DC switch	Yes	
Output over current	Yes	
Anti-islanding protection	Yes	
DC reverse polarity protection	Yes	
String fault Detection	Yes	
DC/AC surge protection	DC: Type II/AC: Type III/Type II Optional	
Insulation detection	Yes	
AC short circuit protection	Yes	
General Specifications		
Dimensions W x H x D (mm)	380x483x223	380x483x227
Weight(kg)	25.5	32.5
Operating temperature range	-25°C~+60°C	
Cooling type	Fan cooling	
Max. operation altitude	4000m	
Max. operation humidity	0-100%(No condensation)	
AC Output terminal type	Connector	
IP class	IP66	
Topology	Transformer-less	
Communication	RS485/Wifi/4G	
Display	LCD	
Certification & Standard	EN/IEC62109-1/2 ; IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683;IEC60068;IEC60529;IEC62116;IEC61727;EN50549-1; AS 4777.2;VDE-AR-N-4105;VDE 0126-1-1;CEI0-21;G98;G99;C10/C11;NB/T32004-2018 ; GB/T19964-2012	

* Specifications subject to change without prior notice.

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