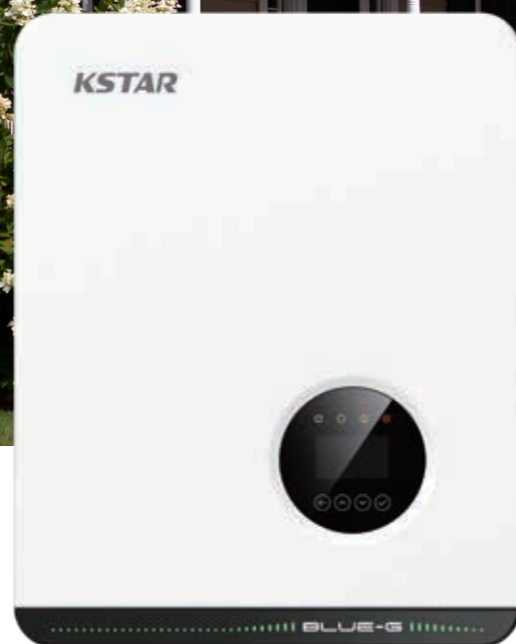



KSG THREE PHASE SERIES


KSG-25KT / KSG-30KT / KSG-33KT /
KSG-36KT / KSG-40KT




PV On-Grid String Inverter

 Max. PV voltage up to 1100V
Type II DC SPD / 3 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-25KT	KSG-30KT	KSG-33KT	KSG-36KT	KSG-40KT
Input(DC)					
Max. DC voltage	1100V	1100V	1100V	1100V	1100V
Nominal voltage	620V	620V	620V	620V	620V
Start voltage	180V	180V	180V	180V	180V
MPPT voltage range	200 V~1,000V	200 V~1,000V	200 V~1,000V	200 V~1,000V	200 V~1,000V
Number of MPPT tracker	3	3	3	3	3
Strings per MPPT tracker	2	2	2	2	2
Max. input current per MPPT	30A	30A	30A	30A	30A
Max. short-circuit current per MPPT	40A	40A	40A	40A	40A
Output(AC)					
Nominal AC output power	25000W	30000W	33000W	36000W	40000W
Maximum AC output power	27500VA	33000VA	36300VA	39600VA	44000VA
Nominal AC voltage	400V 3L+N				
AC grid frequency range	50 / 60Hz(±5Hz)				
Max. output current	39.9A	47.8A	52.6A	57.4A	63.8A
Power factor(Φ)	0.8leading-0.8lagging				
THDi	3%				
Efficiency					
Max. efficiency	98.6%	98.7%	98.7%	98.7%	98.7%
Euro efficiency	98.3%	98.4%	98.4%	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	Type II / Type III(Type II Optional)				
Residual Current Monitoring	Yes				
AC short circuit protection	Yes				
General Specifications					
Dimensions W x H x D	380x483x227mm				
Weight	32.5kg				
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	OT terminal				
IP class	IP66				
Topology	Transformer-less				
Communication	RS485/Wifi/4G				
Display	LCD				
Certification & Standard	EN/IEC62109-1;EN/IEC62109-2;IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683;IEC60068; IEC60529;IEC62116;IEC61727;EN50549-1;AS 4777.2;NRS 097;VDE-AR-N-4105;VDE0126;CEI0-21;C10/C11;G98/G99				

* Specifications subject to change without prior notice.