



- High efficiency, Maximum efficiency of MPPT is more than 99%
- Variety of communication interfaces
- Data remote acquisition

	Feature	Transformeless-3 phases	
T-sol on-grid 3 phase inverter	Item	TSG17KTL	TSG20KTL
	Delivery period (Week)	1-4w	1-4w
	Type	Outdoor	Outdoor
Input DC	Max DC power	17.5kw	20.5KW
	Max. DC input voltage	1000	1000V
	MPP voltage range	400V-800V	480V-800V
	Rated input voltage (V)	700V	700V
	Maximum input current	22*2	2x22A
	Number of MPP inputs	2	2
	Number of DC inputs	6	6
Output AC	Related power	17.5KVA	20.5KVA
	Related AC voltage	380V	380V
	Rated frequency (Hz)	50HZ	50HZ
	Max. output current (A)	24.6A	30A
	THD(rated power)	<3%	<3%
	Power factor at rated power	≥0.99	≥0.99
	connection phases	three-phase	three-phase
Efficiency	Max. efficiency	97.40%	97.40%
	European efficiency	96.60%	96.60%
Protection	Input-side disconnection device	●	●
	Output-side disconnection device	no	no
	Grid monitoring	●	●
	Ground fault monitoring	●	no
	Insulation monitoring	●	●
	Electrical isolation	no	no
Physical	Dimensions (W) (mm)/Package Size:	605X786X230/900*720*400mm	
	Loading capacity per 40HQ	250 pcs / 40HQ	250 pcs / 40HQ
	Weight (Kg)/per unit	N.50/G.55kgs	N.50/G.55kgs
	Weight (Kg)/per 40HQ	13750 KGS	13750 KGS
	Operating temperature range (°C)	-25~+60	-25~+60
	Max self-consumption	50W/0W	50W/0W
	Cooling concept	Forced cooling	Forced cooling
Application	Degree of Protection	IP65	IP65
	Relative humidity range (non-condensation)	0~95%	0~95%
	Max operating altitude above MSL	2000 m	2000 m
Feature	Display	LCD	LCD
	Communication interface	RS485	RS485
	Certification	CE(EMC+LVD);VDE 0126/4105/AS4777/G59	