

### Technical parameters:

Small on-grid inverter series				
Type	CEEGSI-TL3000S	CEEGSI-TL3500S	CEEGSI-TL4000D	CEEGSI-TL4600D
<b>DC input parameters</b>				
Maximum input power [w]	3,300	3,800	4,400	5,000
Input channels	Single input	Single input	Dual input	Dual input
Single maximum input power [w]	3,300	3,800	3,000	3,000
Each maximum input voltage [w]	500	500	550	550
DC switching voltage [v]	125	125	125	125
Each maximum input current [a]	12	12	15	18
Maximum power tracking voltage range [v]	100-450	100-450	125-500	125-500
Number of maximum power tracking	1	1	2	2
DC connector type	MC IV-terminal			
Manual switch	Optional			
<b>AC output parameters</b>				
Grid type	Single phase	Single phase	Single phase	Single phase
Isolation type	Non-isolated	Non-isolated	Non-isolated	Non-isolated
Rated output power [w]	3,000	3,500	4,000	4,600
Maximum output power [w]	3,100	3,600	4,200	4,800
On-grid voltage range [v]	187--264			
Grid frequency range [Hz]	47--53			
Rated output current [a]	13	15.2	17.4	21.7
Maximum output current [a]	16	18	20	25
Power factor	> 0.99			
Rated power total harmonic content	< 3.0%			
Night-time loss [w]	< 0.1			

<b>Efficiency parameters</b>				
Maximum efficiency	95.5%	96%	96.5%	97%
European efficiency	95%	95.5%	96.1%	96.3%
Maximum power tracking efficiency	> 99.0%			
<b>Monitoring and communication interfaces</b>				
Number of LED lights	3			
LCD display screen	Large-screen LCD and displayed clear partition data			
Wired communication interface	485 and Ethernet communication			
Wireless communication interface	Zigbee			
<b>Security and protection features</b>				
DC insulation resistance monitor	Meet the IEC62109-1			
DC current component monitoring	Meet the IEC62109-1			
Leakage current monitoring	Meet the IEC62109-1			
Island protection	Meet the IEC62109-1			
<b>General parameters</b>				
Dimensions (l * w * h) [mm]	690*410*182	690*410*182	690*410*182	690*410*182
Weight [kg]	22.3	22.3	24.8	24.8
Heat dissipation	Natural air cooling			
Shell	Can be installed in the indoor/outdoor aluminum enclosure			
Installation methods	-Wall fixing			
Operating temperature range	-20 ° c ~+55 ° c, higher than 55 ° c automatic power Derating			
Relative humidity range	0%~98%-free gel			
Altitude range	Below 2000 m without Derating			
Noise level	<40 DB			
Protection degree	IP65			
Life expectancy	10	10	10	10
The warranty period	3/5 year optional			