








New S Series



-  IP65 Weather Protection
-  Excellent Low Light Sensitivity
-  Rugged cast Aluminium Chassis
-  WiFi module as standard for free
-  5 Year Warranty Standard
-  Zero export limitation
-  Dynamic MPPT efficiency >99.9%
(Euro efficiency >97.3%)

S Series

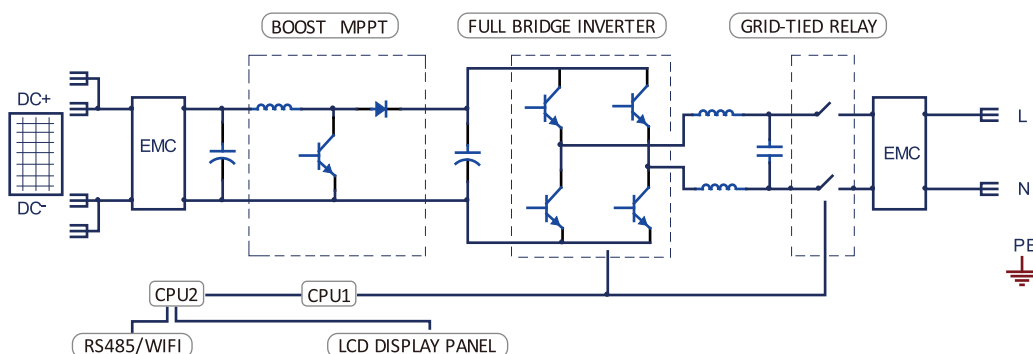
Single Phase On grid Series string inverters adopt the best invention patented topology globally, also, customization available, which provides more options for PV power systems.

S series inverter components from world-class electronic suppliers like



S series has been proven to be outstanding for its features like leading edge efficiency, high cost-effective, modern appearance, friendly interface, and ultra-long quality warranty, etc

Frames



TECHNOLOGY PARAMETERS

Model No	S1000TL	S1500TL	S2200TL	S3000TL	S3600TL	S4400TL	S5000TL	S6000TL
DC side/ Input parameters								
Max. DC power [W]	1200	1800	2500	3400	3680	4500	5500	6000
Max. DC voltage [Vdc]	450	450	500	550				
Min. System start/Shut down voltage [Vdc]	75/150			75/100				
MPPT voltage range[Vdc]	100~450	100~450	100~500	100~550				
Max. input current [A]	10	10	13	15	13.5/13.5	13.5/13.5	15/15	15/15
Number of MPP trackers	1				2			
Strings per MPP tracker	1							
AC side/output parameters								
Nominal output power [W]	1000	1500	2200	3000	3300	4000	4600	5500
Maximum output power [W]	1100	1650	2420	3300	3680	4400	5000	6000
Nominal output voltage/range [V]	208,220,230,240/180~270							
AC grid frequency/range [Hz]	50Hz,60Hz(auto-selection) / 44Hz-55Hz; 54Hz-65Hz							
Maximum output current [A]	6	8	12	17	16	21	23	26
AC connection(with PE)	Single phase							
Current distortion(THDi) [%]	<1.5				<2.5			
Power factor [%]	~1(Adjustable from 0.8 leading to 0.8 lagging)							
Efficiency								
Maximum conversion efficiency[%]	97.3	97.3	97.4	97.5	97.8	97.5	97.6	97.6
European efficiency[%]	97	97	97.1	97.2	97.3	97.2	97.3	97.3
MPPT efficiency[%]	99.9							
Safety and protection								
DC reverse-polarity protection	yes							
Anti-islanding / Overvoltage protection	yes							
Short circuit protection	yes							
Leakage current protection	yes							
Grid monitoring / Ground fault monitoring	yes							
DC/AC side varistors(thermally protected)	yes							
General Parameters								
Dimension(L/W/H)[mm]	382*317*151				382*317*166			
Weight (kg)	10				13.5			
Embedded DC Switch	Optional							
Night power consumption[W]	< 0.2							
Isolation type	Transformerless							
Protection degree	IP65 according to IEC60529							
Operation temperature[°C]	-25 ~ 60							
Cooling concept	Natural convection							
Operating Altitude[m]	<2000m without power derating							
Acoustic noise level[dB]	<25							
Display	Graphic LCD							
Communication Interface	Standard WIFI; RS485(optional)							
Certificates and ApprovalsGeneral	CE-(EMC/LVD) : EN(IEC) 61000-1/-2/-3/; EN(IEC) 62109-1/-2							
Warranty	5 years; 10 years for optional							