



RELIABLE



Type	SP1500TL-S	SP2000TL-S	SP3500TL-S	SP4600TL-S
Input (DC)				
Max.DC Voltage [V]	450	500	600	600
Start Voltage [V]	150	150	150	150
MPPT Voltage Range [V]	125 ~ 450	125 ~ 450	125~ 550	125 ~ 550
Min.DC Voltage [V]	125	125	125	125
Max.DC Power [W]	1650	2000	3500	4600
Max.DC Current [A]	18	18	17	22
MPP tracker number	1		1	
DC switch	Optional		Optional	
Output (AC)				
Rated AC power [W]	1500	2000	3500	4600
Max. AC Power [W]	1650	2000	3500	4600
Max. AC Current [A]	6.25A	8.3A	20A	26A
Rated AC Grid Voltage [V]	230		230	
Allowable AC Voltage [V]	180~270		180~270	
Rated AC Grid Frequency [Hz]	50Hz		50Hz	
Allowable AC Frequency [Hz]	45~55Hz		45~55Hz	
Total Current Distortion [THD]	<2%(Rated Power)		<2%(Rated Power)	
Power Factor [cos]	>0.99(Rated Power)		>0.99(Rated Power)	
Efficiency				
Max. Efficiency	97.50%		97.50%	
Euro. Efficiency	96.50%		96.50%	
MPPT. Efficiency	99.90%		99.90%	
Environment				
Ingress Protection	IP65		IP65	
Consumption Standby [Night]	1W		1W	
Working Temperature	- 20 ~ 60		- 20 ~ 60	
Cooling Method	Natural Convection		Natural Convection	
Ambient Humidity	0% ~ 95% Non-Condensing		0% ~ 95% Non-Condensing	
Altitude Above Sea Level [m]	Up to 2000		Up to 2000	
Display & Interface				
Display	LCD (Backlight)		LCD (Backlight)	
Language	English		English	
Communication Interface	RS485		RS485	
Optional Interface	RS232		RS232	
Generally Remarks				
Shape Dimensions[W/H/T](mm)	371/420/127	371/420/127	595/380/153	595/380/153
Net Weight [Kg]	14.5	14.5	18	19
Islanding effect monitoring	AFD		AFD	
Isolation Type	Transformerless		Transformerless	
Noise Level	<40dB		<40dB	
Standard Warranty [Y]	5 or 10 (Optional)		5 or 10 (Optional)	