

SPI 750~4000TL

Solar Pump Inverter

- Automatically running convenience for customer operate
- MPPT efficiency up to 99%
- IP65 protection level suitable for outdoor harsh environment
- Wide PV input voltage up to 450V to reduce the BOS cost
- Built-in booster module, flexible solar panel configuration
- Support PV and AC double input
- With full / empty water level and dry running protection
- Natural Cooling, maintenance-free design
- Remote monitor and smart control system (optional)



P O W E R
- I N G O
T O M O -
R R O W O

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Datasheet	SPI 750TL	SPI 1500TL	SPI 2200TL	SPI 4000TL
INPUT DATA (DC)				
Max. Recommended PV Power	1250W	2000W	2500W	5000W
Max. DC Voltage	450V			
Start Voltage	80V			
MPP Voltage Range	100-400V			
No. of MPP Trackers	1			
No. of Pv Strings Per Mpp Tracker	1	1	1	2
Max. Input Current Per Mpp Tracker	9A	12A	12A	20A
INPUT DATA (AC)				
Nominal AC Voltage	220~240V(-15%~+10%)			
Rated Input Current	9.5A	16A	24A	38A
AC Grid Frequency	47~63Hz			
AC Connection	L,N,PE			
OUTPUT DATA (AC)				
AC Nominal Power	750W	1500W	2200W	4000W
Rated Output Current	5.1A	10.2A	14A	25A
Nominal AC Voltage Range	0~220Vac			
AC Frequency	0-50/60 Hz			
AC Connection	1P2L			
PERFORMANCE				
Control Mode	V/F			
Type of Motor	Asynchronous machine			
GENERAL DATA				
Dimensions (W / H / D)	335/370/135mm	335/370/135mm	335/370/135mm	365/450/150mm
Weight	9.5kg	9.5kg	9.5kg	16.5kg
Operating Temperature Range	-25°C ... +60°C			
Cooling	Natural convection			
Protection Degree	IP65			
Relative Humidity	0-100%			
Altitude	2000m without derating			
DC Connection	H4/MC4(Optional)			
AC Connection	Connector			
Display	LCD			
Interfaces: WI-FI/ GPRS	Optional			