

SPI 750~4000TL2-HV

- 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)



GROWATT

P O W E R
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T O M O -
R R O W O

Datasheet	SPI 750TL2-HV	SPI 1500TL2-HV	SPI 2200TL2-HV	SPI 4000TL2-HV
Input data (DC)				
Max. PV power	1000W	2100W	3100W	5500W
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(1PH)/4.2A(3PH)	10.2A(1PH)/7.5A(3PH)	14A(1PH)/10A(3PH)	25A(1PH)/16A(3PH)
Nominal AC voltage range	0~220Vac			
AC frequency	0-50/60Hz			
AC connection	1P2L(1PH)/3P3L(3PH)			
Performance				
Control mode	V/F			
Type of motor	Asynchronous machine			
Pump capacity	550W	750W	1500W	3000W
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: WiFi/GPRS	Optional			