

# Growatt SPI 750~4000TL3-LV

## 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)



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Datasheet	SPI 750TL3-LV	SPI 1500TL3-LV	SPI 2200TL3-LV	SPI 4000TL3-LV
<b>INPUT DATA (DC)</b>				
Max. Recommended PV Power	1250W	2000W	2500W	5000W
Max. DC Voltage	450V			
Start Voltage	100V			
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
<b>INPUT DATA (AC)</b>				
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			
<b>OUTPUT DATA (AC)</b>				
AC Nominal Power	750W	1500W	2200W	4000W
Rated Output Current	4.2A	7.5A	10A	16A
Nominal AC Voltage Range	0~220Vac			
AC Frequency	0-50/60 Hz			
AC Connection	3P3L			
<b>PERFORMANCE</b>				
Control Mode	V/F			
Type of Motor	Asynchronous machine			
<b>GENERAL DATA</b>				
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			