

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)



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



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| Datasheet | SPI 750TL3-LV | SPI 1500TL3-LV | SPI 2200TL3-LV | SPI 4000TL3-LV |
|-----------|---------------|----------------|----------------|----------------|
|-----------|---------------|----------------|----------------|----------------|

INPUT DATA (DC)

| | | | | |
|------------------------------------|----------|-------|-------|-------|
| 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 |

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 | 4.2A | 7.5A | 10A | 16A |
| Nominal AC Voltage Range | 0~220Vac | | | |
| AC Frequency | 0-50/60 Hz | | | |
| AC Connection | 3P3L | | | |

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 | | | |