

# Growatt SPI 3000~22000 Series

## 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 900V to reduce the BOS cost
- With full / empty water level and dry running protection
- Remote monitor and smart control system (optional)



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

Datasheet	SPI 3000	SPI 4000	SPI 5500	SPI 7500	SPI 9200	SPI 11000	SPI 13000	SPI 15000	SPI 18500	SPI 22000
<b>INVERTER OUTPUT</b>										
Rated Output Power (W)	3000W	4000W	5500W	7500W	9200W	11000W	13000W	15000W	18500W	22000W
Max. Output Current (A)	5A	9.5A	13A	18.5A	21A	24A	28A	32A	38A	45A
Output Frequency (Hz)	0-50/60Hz									
Output Voltage (Vac)	3PH 380V									
<b>SOLAR INPUT</b>										
Max. Recommended PV Power	3600W	4800W	6600W	9000W	11000W	13200W	15600W	18000W	22200W	26500W
Recommend Pump Capacity	2.2KW(3HP)	3KW(4HP)	3.7KW(5HP)	5.5KW(7.5HP)	7.5KW(10HP)	9.2KW(12.5HP)	11KW(15HP)	13KW(17.5HP)	15KW(20HP)	18.5KW(25HP)
Max. DC Input Voltage (Vdc)	900V									
Qty. of PV Input Ports	2			3			5			
Recommended MPP Voltage (Vdc)	500-680V									
<b>MECHANICAL SPECIFICATIONS</b>										
Protection Degree	IP65									
Weight	13.79kg			18.32kg			23.85kg			
Dimension (W/H/D)	480/340/157mm			530/370/171mm			570/410/178mm			
<b>OPERATING ENVIRONMENT</b>										
Altitude	<2000m									
Operation Temperature Range	-25°C to 60°C									

## Solar Pump System Diagram

