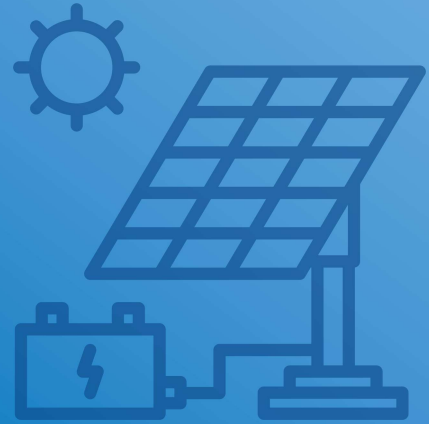




# Atecpool Solar Pump

## For Solar Panels

Leading the green revolution



Quiet Pump



Reduce CO<sub>2</sub> emissions



Save Money



Easy touch screen



Certified Technology



Settable Timer



Solar Energy & Electrical Grid Power



Atecpool Green Revolution



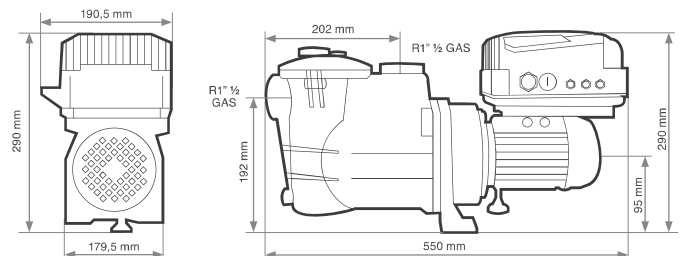
# Atecpool Solar Pump

## Direct Connection to Solar Panels



### Atecpool Solar Pump > The Green Revolution

Centrifugal pump, to be directly connected to solar panels. Or alternatively it can be connected to an electrical grid.

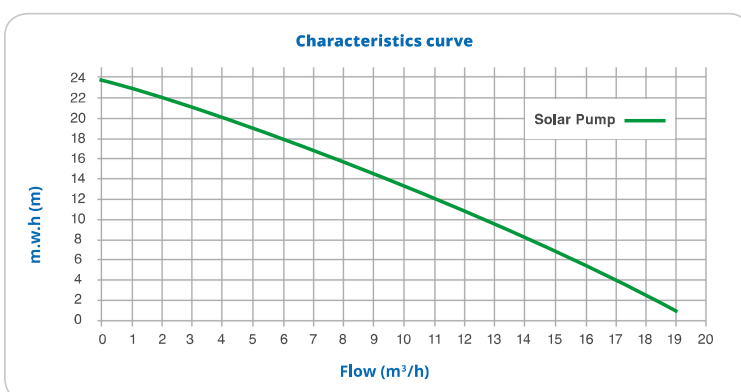


### Atecpool Solar Pump Specifications

- **High energy efficiency achieved due to photovoltaic panels**
- Variable speed operation depending on solar radiation
- Electronic configuration improves duty point
- **Energy saving due to solar panel power**
- Low noise operation
- IP55 for humid and dusty environments
- Good mechanical integration of motor and inverter
- **Powered either by solar panels or standard AC/DC with optional module**
- Integrated inverter: built in aluminium with an independent ventilation system to guarantee excellent thermal performance
- Synchronous three-phase motor: high efficiency permanent magnets
- Mobile APP and Bluetooth connection used to set and monitor different parameters

### Pump materials

- Pump body: polypropylene +30% GF.
- Impeller and diffuser: noryl + 30% GF.
- Shaft: stainless steel AISI 316L.
- Mechanical seal: carbon + resin - ceramics.
- Prefilter cover: polycarbonate.
- Prefilter basket: polypropylene +5% GF.



### Atecpool Solar Pump

Model	Rated Frequency	Input Current	Input Voltage	Enclosure Rating	Motor insulation	Communication	Input	Output settings	In-out
(Hz)									
ASOLAR100	48 - 62	11A PF:1	90-400VDC 1x90-265VAC	IP55 (NEMA-4)	Class F	RS485, MODBUS RTU protocol	4 analog inputs (10 or 15 VDC)	Two digital output N.O. or N.C.	1 1/2"