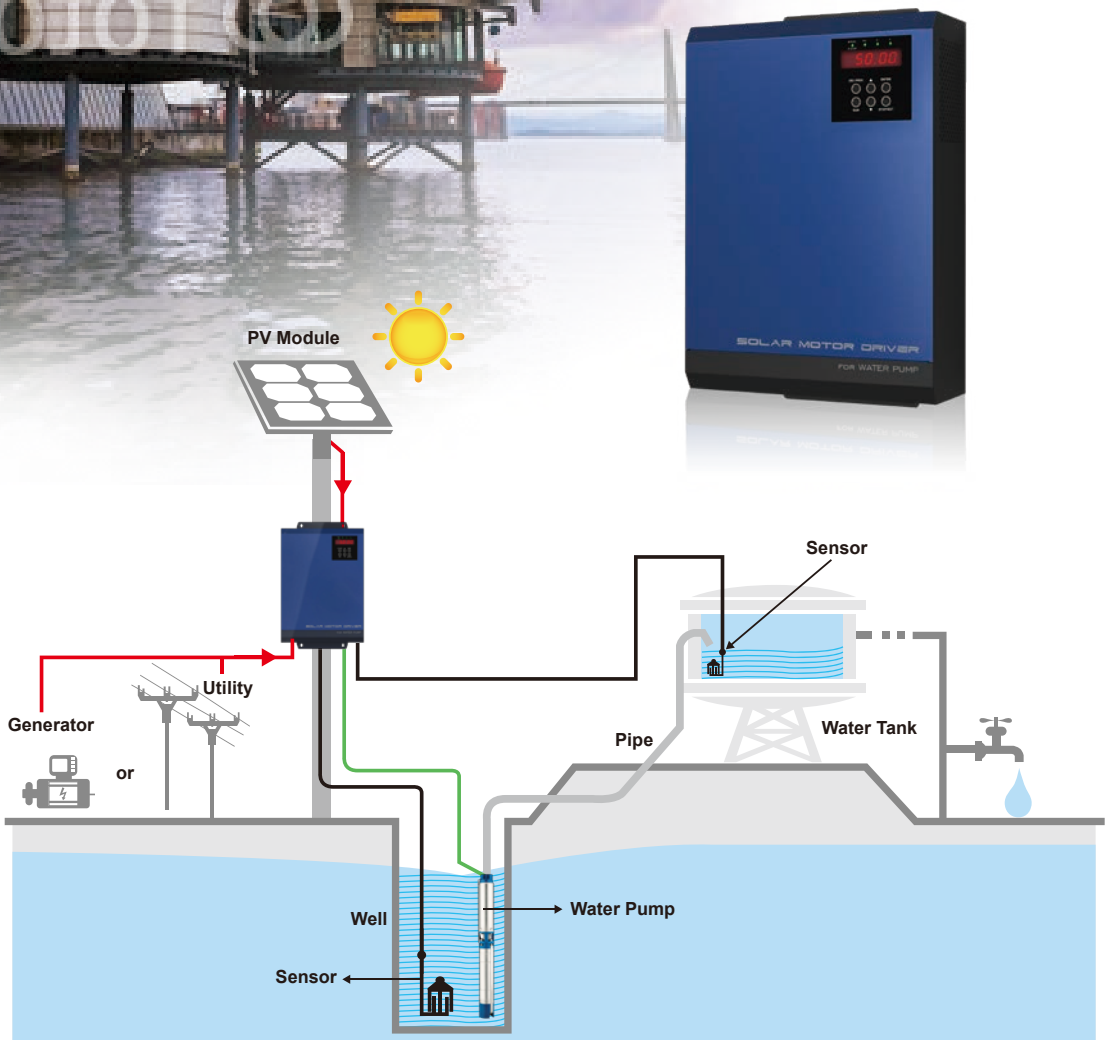




Aspire Solar Pump Inverter

- ▶ Built-in MPPT solar charger
- ▶ Supports three-phase motor
- ▶ Compatible to utility or generator input
- ▶ Built-in full protection and self-diagnosis
- ▶ Soft start function prevents water hammer effect and extends system lifecycle
- ▶ Comprehensive LCD and LEDs display real-time system status
- ▶ Remote monitoring through RS-485 status

Aspire Solar Pump Inverter Selection Guide

MODEL	Aspire 2.2KW		Aspire 7.5KW	Aspire 11KW
PHASE	3-phase in / 3-phase out			
MAXIMUM PV ARRAY POWER	3500 W	12000 W		17600 W
RATED OUTPUT POWER	2200 W	7500 W		11000 W
PV INPUT (DC)				
Maximum DC Voltage	800 VDC			
Start-up Voltage	350 VDC			
MPPT Voltage Range	500 ~ 600 VDC			
Number of MPP Trackers	1			
Input Current	4.3 A	14.5 A		21.3 A
OPTIONAL AC INPUT				
Input Voltage	3 x 380VAC/400VAC/415VAC/440VAC			
Maximum Current	5.8 A	20.5 A		27.0 A
Apparent Power	4000 VA	11000 VA		16500 VA
OUTPUT				
Nominal Voltage	3 x 380/400/415/440 VAC			
Efficiency	> 97%			
Output Current	5.1 A	17 A		26 A
Motor Type	Three-phase asynchronous motor			
Frequency Precision	±0.2%			
PROTECTION				
Full Protection	Over-voltage, under-voltage, over-current, surge, over-temperature, short circuit protection			
PHYSICAL				
Dimension, D X W X H (mm)	110 x 230 x 330			
Net Weight (kgs)	5.5	6		6.5
Type of Mechanical Protection	IP20			
INTERACE				
Communication Port	RS-232/RS-485			
ENVIRONMENT				
Humidity	< 95% RH (No condensing)			
Operating Temperature	-20°C~45°C at 100% full load, 46°C~60°C power derating			

Product specifications are subject to change without further notice