



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