

Aspire AS



Aspire AS 5.5kw, 7.5kw, 11kw, 15kw



Aspire AS 18.5kw, 22kw

- Built-in MPPT solar charger
- Supports three-phase asynchronous motor depending on models
- Built-in full protection and self-diagnosis
- Soft start function prevents water hammer effect and extends system lifecycle
- Comprehensive LEDs and display screen for real-time system status
- Remote monitoring through RS-485
- Optional remote panel available

Aspire AS Water Pump Solar Inverter Selection Guide

MODEL	Aspire AS-5.5KW	Aspire AS-7.5KW	Aspire AS-11KW	Aspire AS-15KW	Aspire AS-18.5KW	Aspire AS-22KW
RATED OUTPUT POWER	5500 W(7HP)	7500 W(10HP)	11000 W(15HP)	15000 W(20HP)	18500 W(25HP)	22000 W(30HP)
PV INPUT (DC)						
Maximum DC Voltage	800 VDC					
Start-up Voltage	250 VDC					
Recommeded MPPT Voltage Range	500 VDC ~ 600VDC					
Number of MPP Trackers	1					
AC INPUT						
Input Voltage	3 x 380/400/415/440 VAC (CAUTION:PV and AC input can not be connected at the same time!!!)					
Input Frequency	50Hz					
OUTPUT						
Nominal Voltage	3 x 380/400/415/440 VAC					
Efficiency	> 97%					
Nominal Output Current	13A	17A	25A	32A	37A	45A
Motor Type	Three-phase asynchronous motor					
Frequency Precision	±0.2%					
PROTECTION						
Full Protection	Phase lost, dry pumping, motor locked, weak sunlight, over-voltage, under-voltage, over-current, surge, over-temperature and short circuit protection					
PHYSICAL						
Dimension, D x W x H (mm)	160 x 187 x 238				170 x 195 x 330	
Net Weight (kgs)	3.04	3.12	3.5	4.8	5	5.2
Type of Mechanical Protection	IP20					
INTERACE						
Communication Port	RS-485					
ENVIRONMENT						
Humidity	< 95% RH (Non-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.