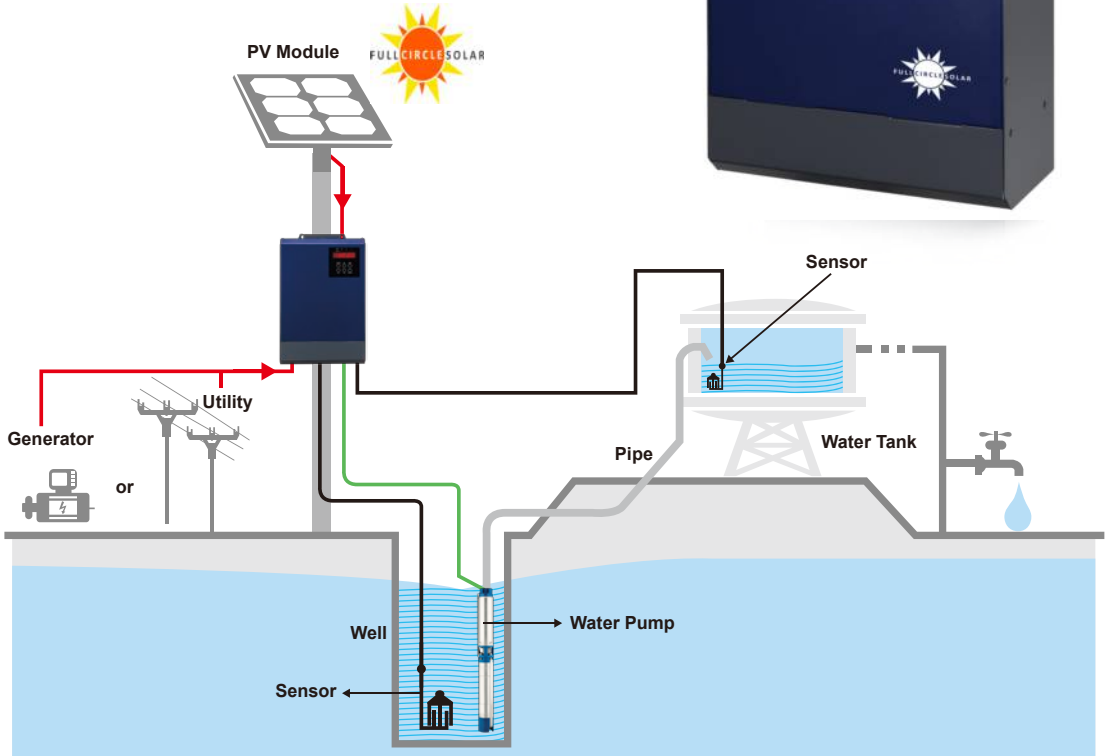




SOLAR PUMP INVERTER



Aspire Solar Pump Inverter

- ▶ Built-in MPPT solar charger
- ▶ Supports three-phase asynchronous 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 LEDs and display screen for real-time system status
- ▶ Remote monitoring through RS-485



Aspire Solar Pump Inverter Selection Guide

FCS - ASPIRE 2.2KW			
PHASE	3-phase in / 3-phase out		
MAXIMUM PV ARRAY POWER	3500 W		
RATED OUTPUT POWER	2200 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		
OPTIONAL AC INPUT			
Input Voltage	3 x 380VAC/400VAC/415VAC/440VAC		
Maximum Current	5.8 A		
Apparent Power	4000 VA		
OUTPUT			
Nominal Voltage	3 x 380/400/415/440 VAC		
Efficiency	> 97%		
Output Current	5.1 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 342		
Net Weight (kgs)	5.5		
Type of Mechanical Protection	IP20		
INTERFACE			
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

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