

SOL-I-AS-2

MECER Aspire Water Pump Solar Inverter 3 Phase 2.2kW

Product Overview

MECER Aspire Water Pump Solar Inverter 3 Phase 2.2kW, Built-in MPPT solar charger, 800 VDC Maximum DC Voltage, 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



Specifications

Overview:

Aspire Solar Pump Inverter

The 3-phase in, 3-phase out solar pump inverter is environmentally friendly with a long lifetime and lower maintenance costs. Built-in MPPT ensures you to get the best output power and optimizes the performance of water pump solar Inverter along the day as it starts and stops automatically based on the intensity of solar radiation.

Features:

- Built-in MPPT solar charger
- Supports single phase or three-phase asynchronous motor depending on models
- Supports single phase AC input when PV energy is not sufficient (only for Aspire 2.2KW LS model)
- 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

Specifications:

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Specifications

Product Code	SOL-I-AS-2
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Product Specification Sheet

Model	Aspire 2.2KW
RATED OUTPUT POWER	2200 W(3HP)
	(supports 0.75~3HP
	water pump)
PV INPUT (DC)	
Nominal DC Voltage /Maximum DC Voltage	540 VDC / 800 VDC
Start-up Voltage	250 VDC
MPPT Voltage Range	250 VDC ~ 780VDC
Number of MPP Trackers	1
AC INPUT	
Input Voltage	N/A
	(-15% ~ +10%)
Input Frequency	47 Hz ~ 63 Hz
OUTPUT	
Nominal Voltage	3 x 380/400/415/440 VAC
Efficiency	> 97%
Nominal Output Current	5.0 A
Motor Type	Three-phase asynchronous motor
	motor
Frequency Precision	+/-0.2%
PROTECTION	
Full Protection	Phase lost, dry pumping, motor locked, weak sunlight, over-voltage, under-voltage, over-current, surge, overtemperature and 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(Non-condensing)
Operating Temperature	-20 degreesC ~ 45 degreesC at 100% full load, 46 degreesC ~ 60 degreesC power derating

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/SOL-I-AS-2-MECER-Aspire-Water-Pump-Solar-Inverter-3-Buy-p-176542.php>

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