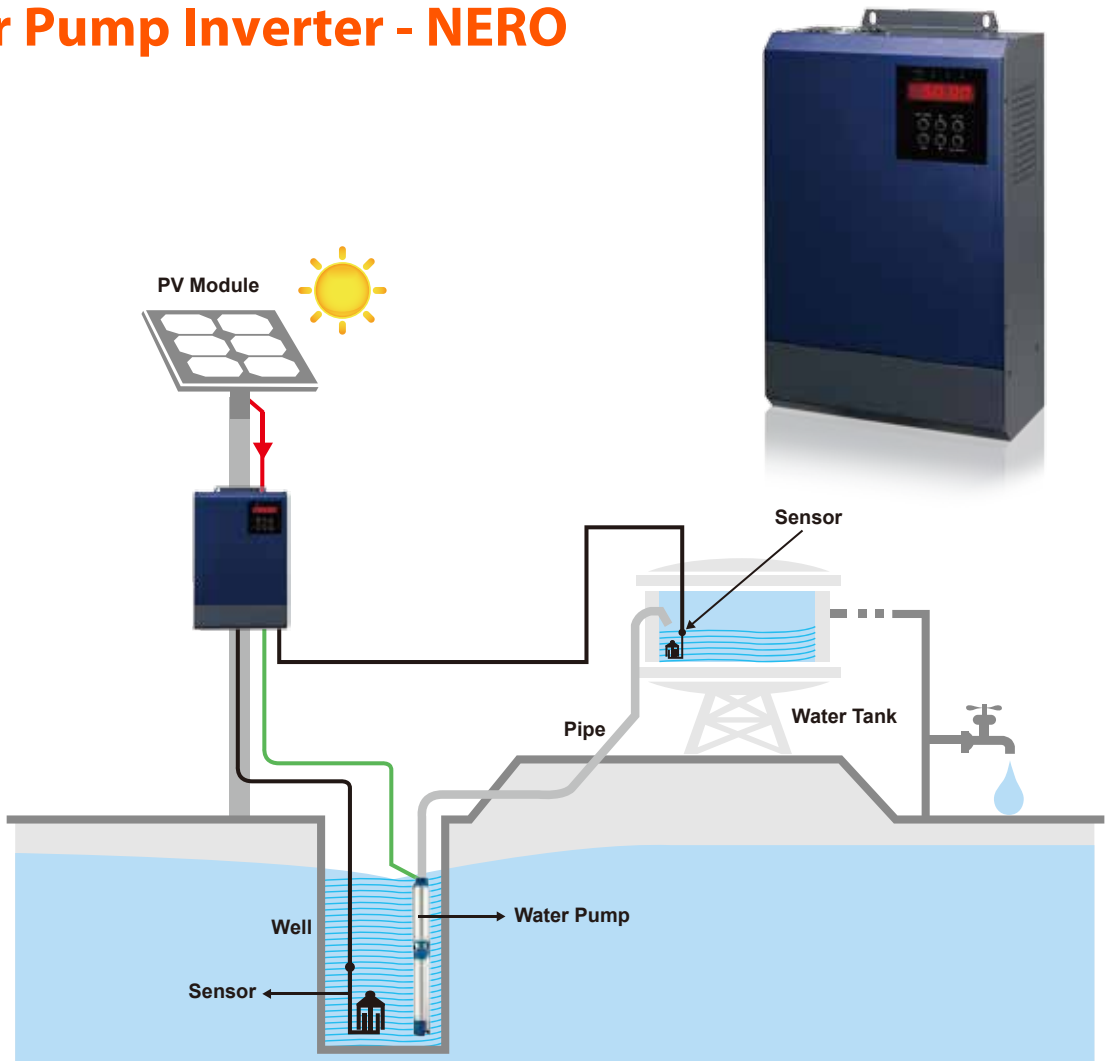


Solar Pump Inverter - NERO



Nero/Aspire Solar Pump Inverter

- Built-in MPPT solar charger
- Supports three-phase asynchronous motor
- 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

NERO/Aspire Solar Pump Inverter Selection Guide

MODEL	Nero 2.2KW	Nero 7.5KW	Nero 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		
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 342		
Net Weight (kgs)	5.5	6	6.5
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