

XKP

Hybrid AC/DC Solar
Swimming Pool Pump



Applications

- Designed for use in residential and commercial swimming pools and spas.
- In most pool applications, all the power of filtration needs can be acquired directly from solar panels.

Pump Features

- 100% Copper winding
- High efficiency PMSM brushless motor
(PMSM: Permanent-Magnet Synchronous Motor)

MPPT AC/DC Inverter

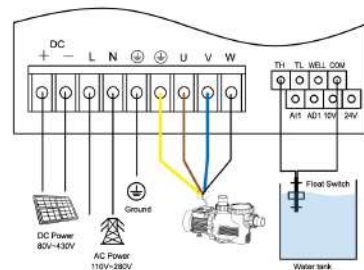
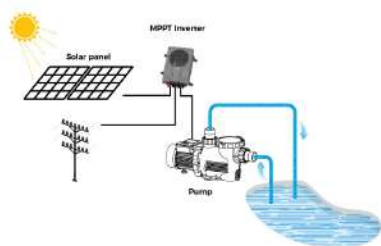
- Can be used for both AC and DC power supply
- Enclosures class: IP55
- Ambient temperature: -15 ~ +60°C
- LED Displays working parameter & Fault code
- Soft start & Auto frequency conversion function

Identification Codes

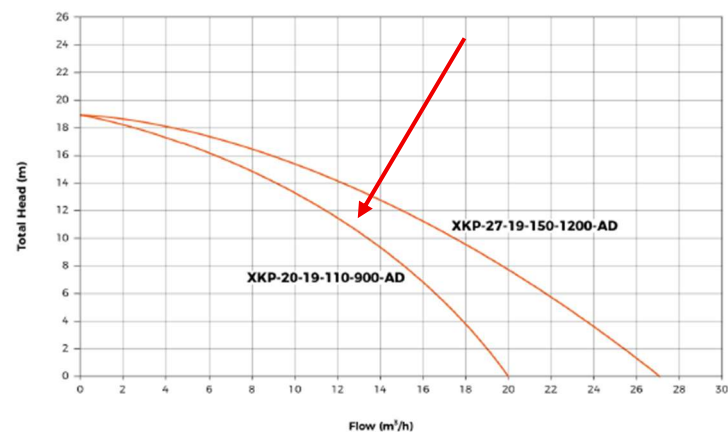
XKP 20 - 19 - 110 - 900 - AD

- Can be powered by both AC and DC power
- Rated Power (W)
- DC Bus Voltage (V)
- Max. Head (m)
- Max. Flow (m³/h)
- Solar Swimming Pool Pump

Wiring Diagram



Hydraulic Performance Curves



Technical Data

Model	Power (W)	(AC) Voltage (V)	(DC) Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Inlet/Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
XKP20-19-110-900-AD	900	110-280	80-430	20	19	2"x2"	2	< 430	≥1.3*Pump Power
XKP27-19-150-1200-AD	1200	110-280	80-430	27	19	2"x2"	2	< 430	≥1.3*Pump Power