

LPY

Hybrid AC/DC Solar Submersible Pump
With SS Impeller



DSFP
(0.75 - 2.2 kW)



Applications

- Agriculture irrigation, Livestock feeding, Domestic water lifting
- Clean water supply from wells or reservoirs
- Off grid solar pumping system

Pump Features

- Oil-filled motor
- With MPPT AC/DC Inverter
- AISI304 impeller and diffuser
- AISI304 oil chamber
- High efficiency PMSM brushless motor
(PMSM: Permanent-Magnet Synchronous Motor)

MPPT AC/DC Inverter

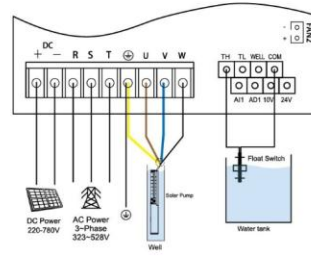
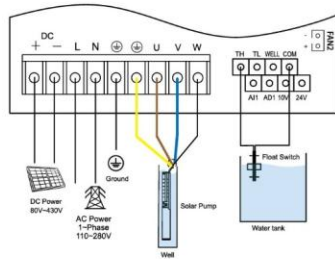
- Can be used for both AC and DC power supply
- Enclosures class: IP55
- Ambient temperature: -15 ~ 60°C
- LED Displays working conditions & Fault code
- Auto Start & Stop
- Soft start & VFD function

Identification Codes

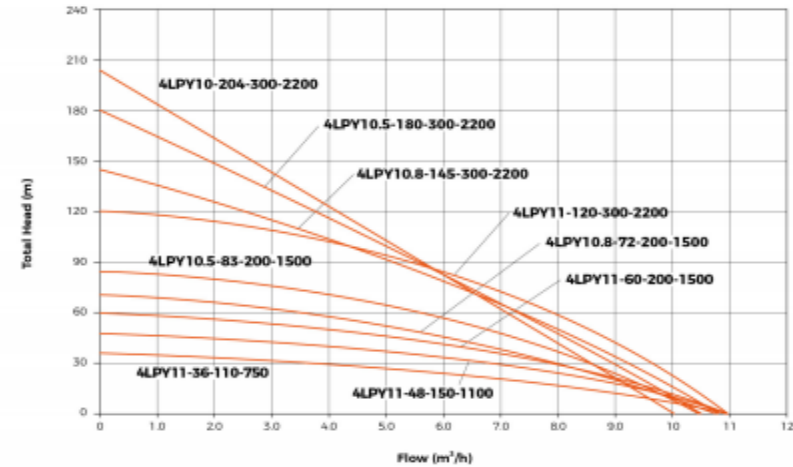
3 LPY 4.8 - 95 - 110 - 750

- Rated Power (W)
- DC Bus Voltage (V)
- Max. Head (m)
- Max. Flow (m³/h)
- AC/DC Solar Submersible Pump
- Min. Well Diameter: 3 inch

Wiring Diagram



4LPY



Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
4LPY11-36-110-750	750	110-280	80-430	11	36	2"	2	<430	≥1.3*Pump Power
4LPY11-48-150-1100	1100	110-280	80-430	11	48	2"	2	<430	≥1.3*Pump Power
4LPY11-60-200-1500	1500	110-280	80-430	11	60	2"	2	<430	≥1.3*Pump Power
4LPY10.8-72-200-1500	1500	110-280	80-430	10.8	72	2"	2	<430	≥1.3*Pump Power
4LPY10.5-83-200-1500	1500	110-280	80-430	10.5	83	2"	2	<430	≥1.3*Pump Power
4LPY11-120-300-2200	2200	110-280	80-430	11	120	2"	2	<430	≥1.3*Pump Power
4LPY10.8-145-300-2200	2200	110-280	80-430	10.8	145	2"	2	<430	≥1.3*Pump Power
4LPY10.5-180-300-2200	2200	110-280	80-430	10.5	180	2"	2	<430	≥1.3*Pump Power
4LPY10-204-300-2200	2200	110-280	80-430	10	204	2"	2	<430	≥1.3*Pump Power