LDP

DC Solar Submersible Pump with Plastic Impeller



DSDP

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 DC Inverter
- Plastic impeller and diffuser
- AISI304 oil chamber & outlet
- High efficiency PMSM brushless motor
  (PMSM: Permanent-Magnet Synchronous Motor)

MPPT DC Inverter

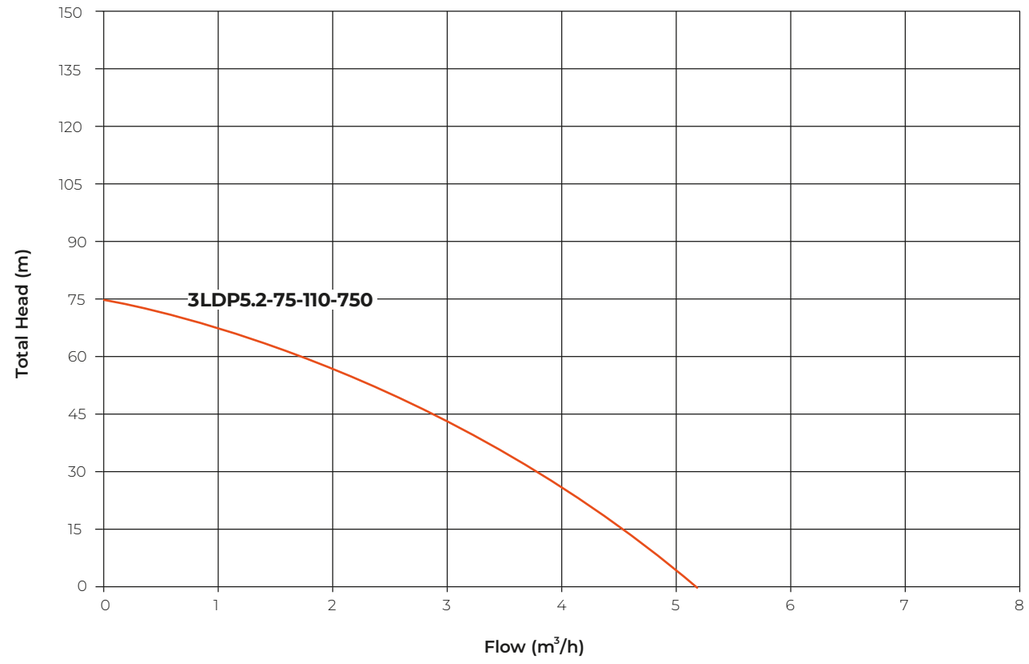
- Enclosures class: IP55
- Ambient temperature: -15 ~ 60 ℃
- LED Displays working conditions & Fault code
- Auto Start & Stop
- Soft start & VFD function

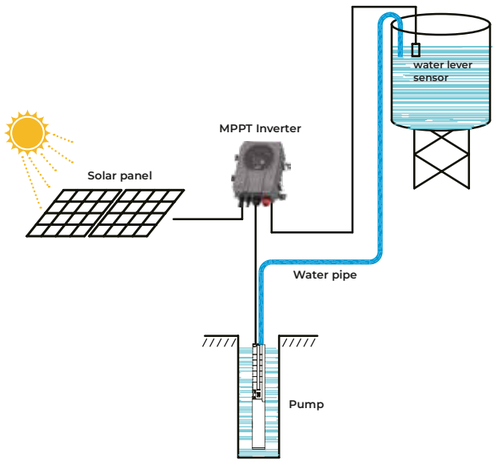
Identification Codes

3 LDP 5 - 75 - 110 - 750

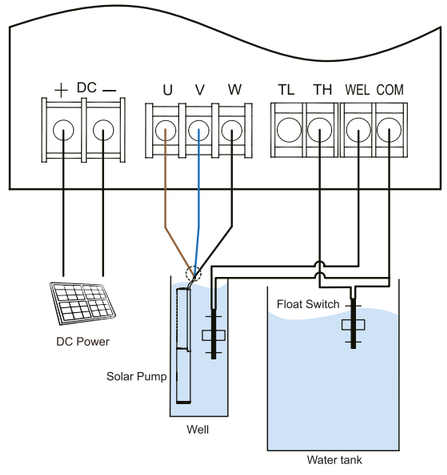
- 3 — Min. Well Diameter: 3 Inch
- LDP — DC Solar Submeisible Pump
- 5 — Max. Flow (m^3/h)
- 75 — Max. Head (m)
- 110 — Motor Voltage (V)
- 750 — Rated Power (W)

3LDP





Wiring Diagram



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m^3/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
3LDP5.2-75-110-750	750	110	110-150	5.2	75	1½"	2	<210	≥1.3*Pump Power

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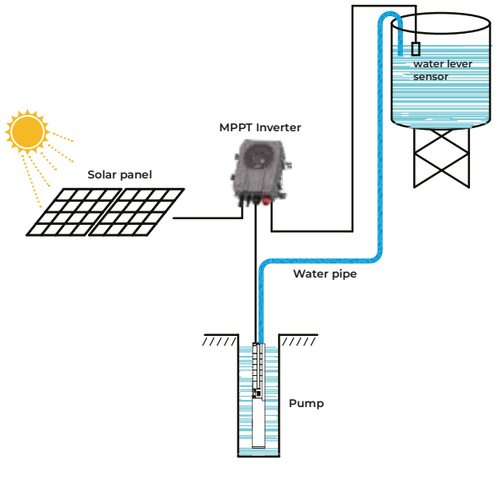
MPPT DC Inverter

- Enclosures class: IP55
- Ambient temperature: -15 ~ 60 ℃
- LED Displays working conditions & Fault code
- Auto Start & Stop
- Soft start & VFD function

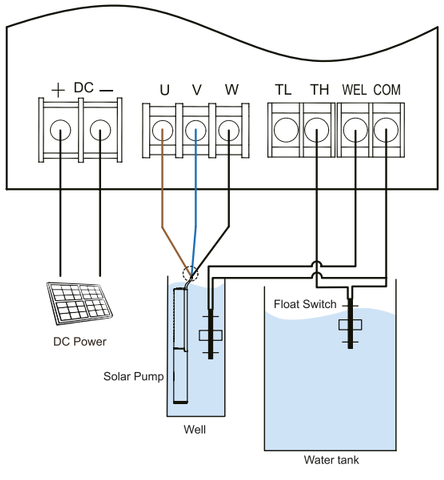
Identification Codes

4 LDP 5 - 100-110 - 1500

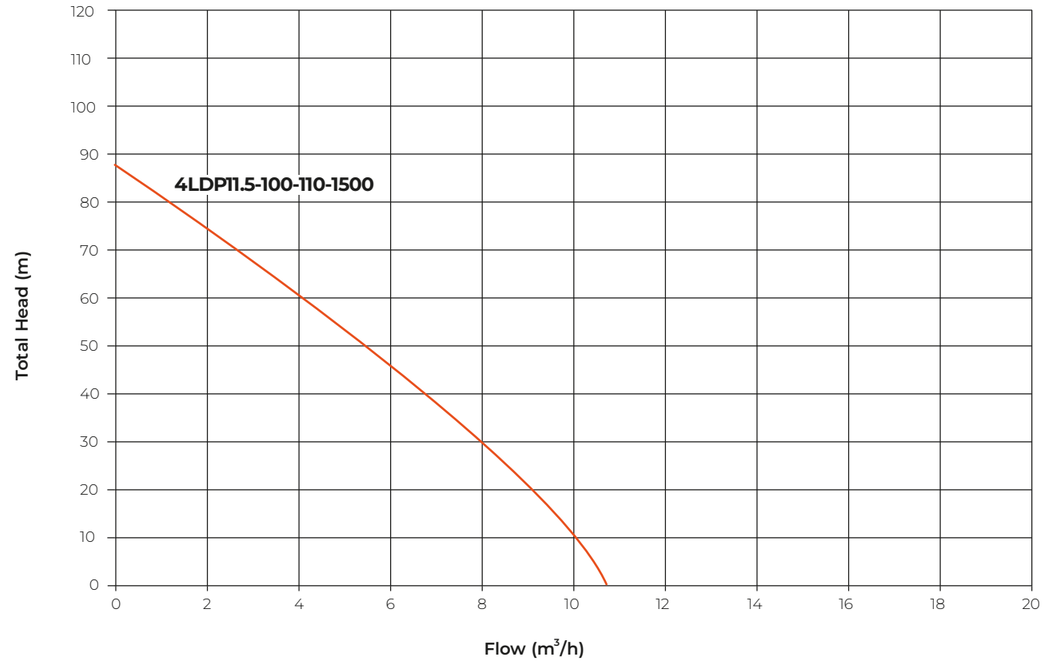
- 4 — Min. Well Diameter: 3 Inch
- LDP — DC Solar Submeisible Pump
- 5 — Max. Flow (m^3/h)
- 100 — Max. Head (m)
- 110 — Motor Voltage (V)
- 1500 — Rated Power (W)



Wiring Diagram



4LDP



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m^3/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
4LDP11.5-100-110-1500	1500	110	110-150	11.5	100	2"	2	<210	≥1.3*Pump Power