

### Applications

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

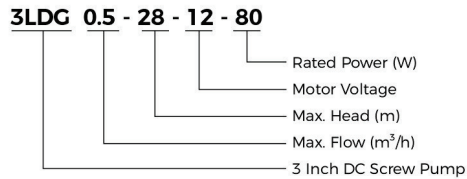
### Pump Features

- With MPPT DC controller
- High-precision AISI304 screw gets higher efficiency
- AISI304 oil chamber and pump barrel
- High efficiency PMSM brushless motor (PMSM: Permanent-Magnet Synchronous Motor)

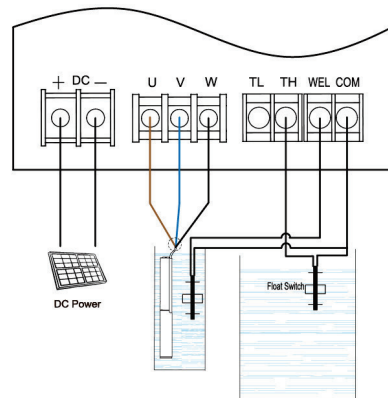
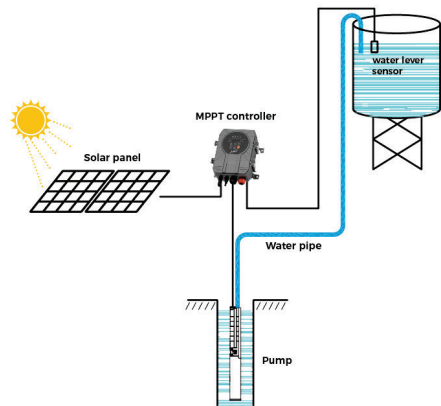
### MPPT DC Controller

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

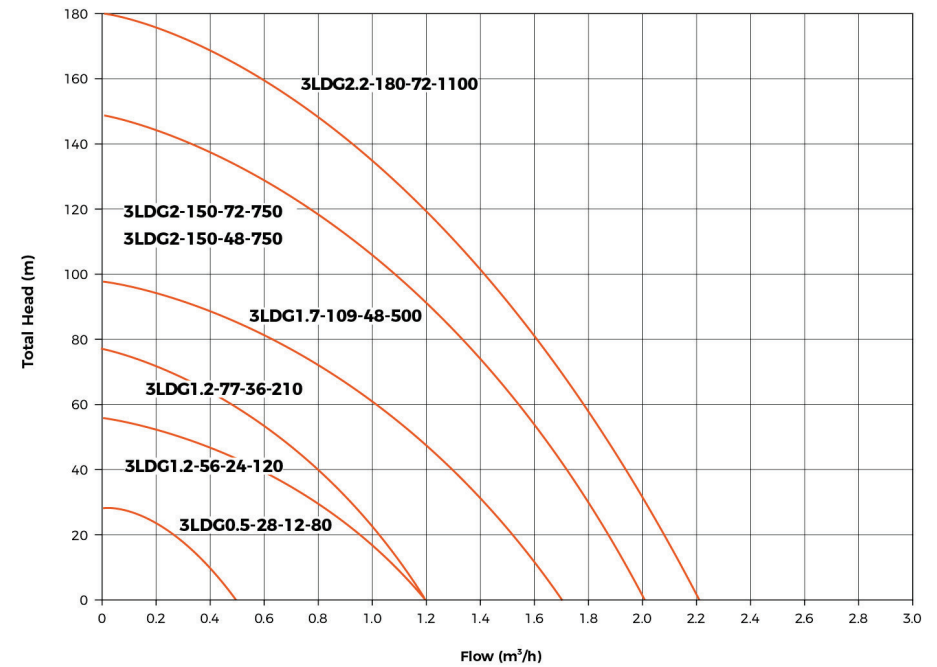
### Identification Codes



### Wiring Diagram



## 3LDG



### Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m <sup>3</sup> /h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
3LDG0.5-28-12-80	80	12	20-36	0.5	28	¾"	2	< 50	≥1.3*Pump Power
3LDG1.2-56-24-120	120	24	30-48	1.2	56	¾"	2	< 50	≥1.3*Pump Power
3LDG1.2-77-36-210	210	36	30-48	1.2	77	¾"	2	< 50	≥1.3*Pump Power
3LDG1.7-109-48-500	500	48	60-90	1.7	109	¾"	2	< 100	≥1.3*Pump Power
3LDG2-150-48-750	750	48	60-90	2	150	¾"	2	< 100	≥1.3*Pump Power
3LDG2-150-72-750	750	72	90-120	2	150	¾"	2	< 150	≥1.3*Pump Power
3LDG2.2-180-72-1100	1100	72	90-120	2.2	180	¾"	2	< 150	≥1.3*Pump Power