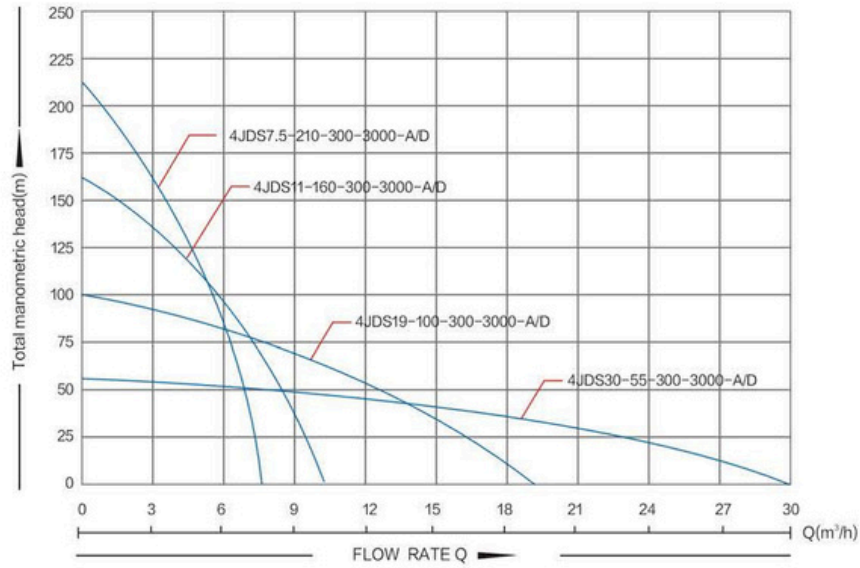


SJSP Solar AC/DC Pump

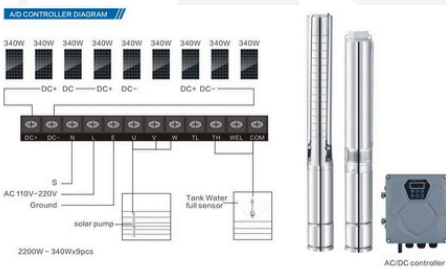


Performance Curves



Typical Applications

- Ideal for remote water supply solutions where electric power may be unavailable or unreliable.
- Suitable for agricultural irrigation, garden irrigation, and water lifting for household and community use.
- Effective in livestock watering systems in rural areas.
- Can be utilized in hilly or mountainous regions for high-elevation water needs.
- Applicable for pond and water feature circulation.
- Appropriate for industrial applications requiring water lifting at various levels.



Operating Conditions

- **Motor Type:** Permanent magnet DC brushless synchronous motor
- **Outlet/Connector Material:** Brass or stainless steel
- **Bearing:** Japanese NSK for prolonged working life
- **Seal Type:** Alloy mechanical seal for reliability
- **Winding Technology:** Centralized winding for improved efficiency
- **Intelligent Protection:** Water shortage and full water protection
- **Controller Type:** DC Controller and AC/DC Controller
- **Waterproof Grade:** IP65
- **Operating Temperature Range:** -15°C to 60°C
- **Max Power Utilization:** MPPT function for solar power
- **Charging Feature:** Automatic charging for continuous operation
- **Display:** LED showing power, voltage, current, and error codes
- **Frequency Conversion:** Allows automatic or manual pump speed control
- **Durability:** Waterproof, leak-proof, and double-sealed
- **Soft Start Feature:** Protects pump motor
- **Overload Protection:** High/low voltage and high temperature

Technical Data

Model	Max. Flow (m³/h)	Max. Head (m)	Voltage	Power (W)	Outlet (inch)	Cable (m)	Solar Panel (Open circuit voltage (voc))	Solar Panel (Power)
SJSP7.5-210	7.5	210	DC80-430V AC80-240V	3000	1.25	2	<430V	≥1.3 * PUMP POWER
SJSP11-160	11	160	DC80-430V AC80-240V	3000	1.5	2	<430V	≥1.3 * PUMP POWER
SJSP19-100	19	100	DC80-430V AC80-240V	3000	2	2	<430V	≥1.3 * PUMP POWER
SJSP30-55	30	55	DC80-430V AC80-240V	3000	2	2	<430V	≥1.3 * PUMP POWER