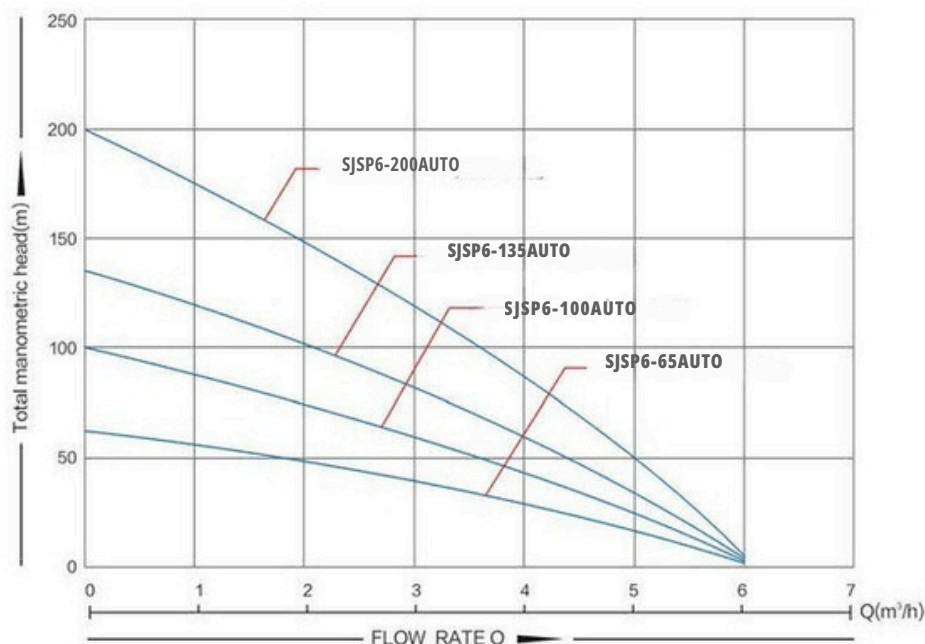


SJSP6 HYBRID PUMPS

Performance Curves



Typical Applications

Hybrid solar pumps offer advanced solutions, capable of running on both DC and AC power, making them versatile for different settings. Equipped with brushless motors and stainless steel impellers, they are highly efficient, durable, and low-maintenance. These unique features make them ideal for the following applications:

- **Agriculture Irrigation** : Solar pumps are essential for providing water to crops, especially in areas with unreliable electricity or fuel supply.
- **Drip Irrigation Systems** : Solar pumps provide a reliable, eco-friendly solution for operating low-pressure drip irrigation systems, reducing water wastage.
- **Drinking Water Supply for Communities** : Solar-powered pumps are ideal for extracting groundwater to provide safe drinking water for remote villages.
- **Aquaculture** : Solar pumps help maintain water levels and aeration in fish ponds, ensuring optimal conditions for aquatic life.
- **Water Supply for Remote Homes** : Solar pumps provide water for domestic use, such as bathing, drinking, and cooking, in off-grid homes.

Package

- 1 x Pump controller with MPPT function
- 1 x float switch (sensor for tank)
- 1 x Pump outlet joint connector
- 1 x Splice kit for cable join
- 1 x Splice kit for waterproof

Operating Conditions

- MPPT solar pump inverter, the highest solar utilization rate
- Waterproof and sealed: double sealing effect, Alloy mechanical seal,
- long life and reliable operation
- Digital display of power, voltage, current, speed and other working conditions
- High/low voltage protection,
- Over current/overload protection

Technical Data

Model	Max. Flow (m ³ /h)	Max. Head (m)	Voltage(V)		Power(W)	Outlet(inch)	Solar Panel		Power Configuration
							Open circuit voltage (VOC)	Power	
SJSP6-65AUTO	6	65	DC80-430V	AC80-240V	750	1.25	<430V	≥1.3*PUMP POWER	5X450W(HV) X1ARRAY
SJSP6-100AUTO	6	100	DC80-430V	AC80-240V	1100	1.25			5X450W(HV) X1ARRAY
SJSP6-135AUTO	6	135	DC80-430V	AC80-240V	1500	1.25			5X450W(HV) X1ARRAY
SJSP6-200AUTO	6	200	DC80-430V	AC80-240V	2200	1.25			5X450W(HV) X1ARRAY