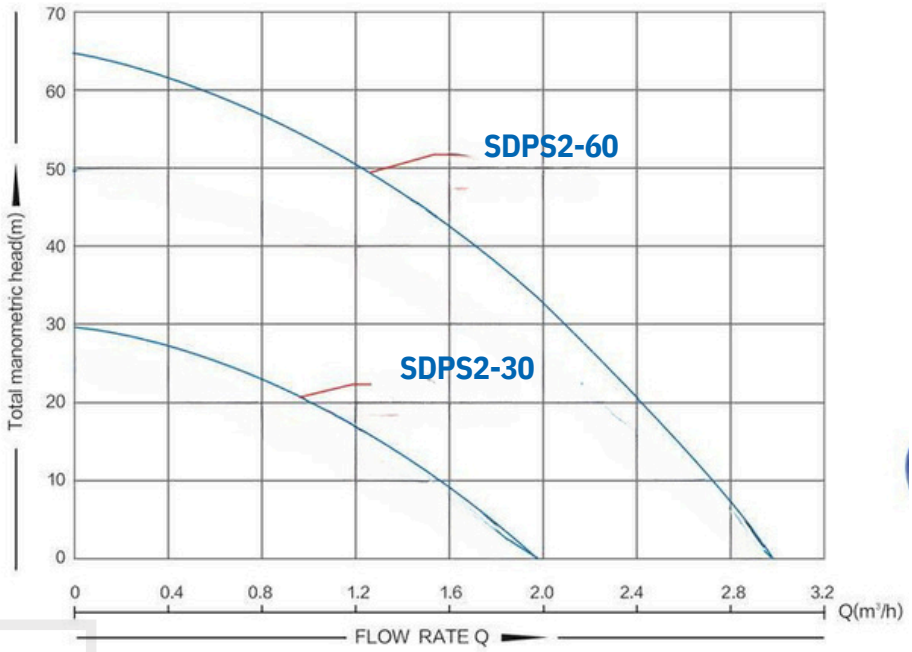
# SATTE

# PRODUCT DATASHEET

## SDPS 2 Solar Pump

### PERFORMANCE CHART




## Typical Applications

- **Irrigation Systems for Medium-Sized Farms:** Ideal for supplying water to sprinkler or drip irrigation systems, ensuring efficient crop hydration in agricultural fields.
- **Domestic Water Supply for Multi-Story Buildings:** Suitable for pumping water from underground tanks to overhead tanks, meeting the needs of residential buildings.
- **Industrial Cooling Systems:** Effective in circulating water through cooling towers, maintaining optimal temperatures for machinery and production processes.
- **Livestock Watering in Rural Areas:** Used to pump water to troughs for livestock, supporting animal hydration in medium-sized farms.
- **Water Supply for Small Community Projects:** Suitable for providing water to small communities, ensuring reliable distribution for household and communal use.
- **Aquaculture and Fish Farming:** Perfect for circulating water in fish ponds or hatcheries, promoting a healthy aquatic environment for fish growth.
- **Construction Site Watering and Dust Suppression:** Used to supply water for construction activities, including dust suppression and concrete mixing.
- **Rainwater Harvesting Systems:** Excellent for transferring collected rainwater from storage tanks to irrigation systems or household supply systems.
- **Fountain and Landscape Water Features:** Ideal for powering medium-sized fountains and decorative water features in gardens or public parks.
- **Rural Water Distribution Projects:** Supports the distribution of water in remote areas where municipal water supply systems are unavailable.

## Technical Data

| Model | Max. Flow ($m^3/h$) | Max Head (m) | Voltage (V) | Power (W) | Outlet (inch) | Optimum Input Voltage (DC) | Solar Panel | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Open Circuit Voltage (Voc) | Power |
| SDPS2-30 | 2 | 30 | 24 | 280 | 1x1" | 30V-48V | <55V | >1.3* PUMP POWER |
| SDPS2-60 | 3 | 65 | 72 | 750 | 1x1" | 90V-120V | <160V | >1.3* PUMP POWER |