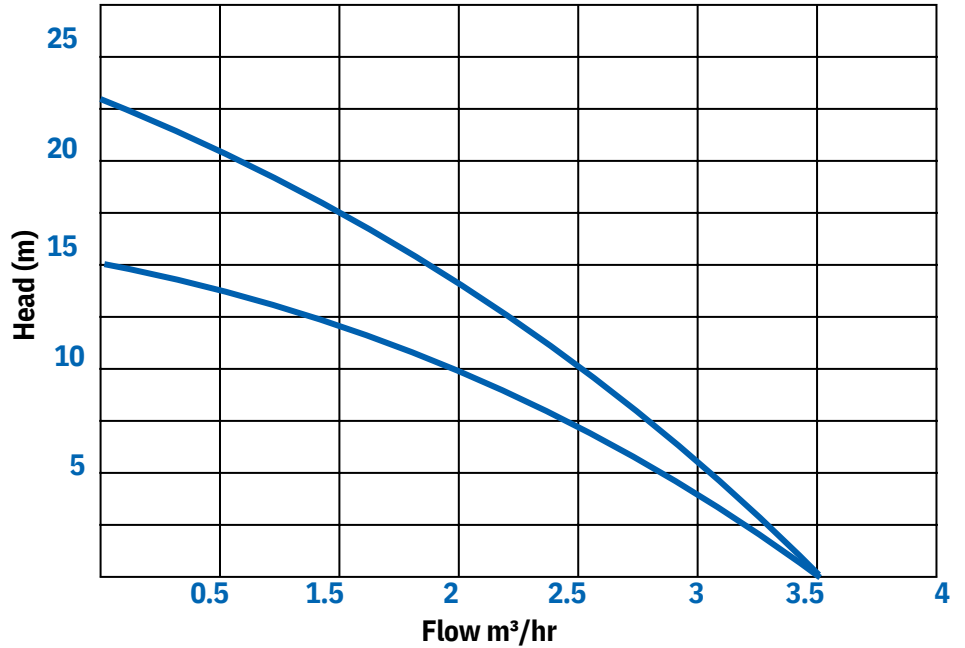


SZDPS SOLAR PUMP

Performance Curves



Typical Applications

- Agricultural Irrigation: Ideal for irrigating small to medium-sized farmlands, providing consistent water flow with minimal solar panels.
- Livestock Watering: Perfect for supplying water to livestock in remote areas without electricity, ensuring reliable hydration.
- Fish Pond Water Circulation: Useful for maintaining water quality and oxygenation in fish farms or aquaculture setups.
- Remote Water Supply Systems: Excellent for providing water in rural or off-grid locations, powered solely by solar energy.
- Garden and Landscape Irrigation: Great for watering home gardens or public parks, ensuring eco-friendly and cost-effective maintenance.
- Community Water Supply: Suitable for small-scale community water projects in areas with limited infrastructure or power access.
- Rainwater Harvesting Systems: Helps pump collected rainwater for various uses, maximizing sustainability in residential or commercial setups.
- Drip Irrigation Systems: Highly efficient in delivering water directly to plant roots, promoting water conservation and energy efficiency.

Operating Conditions

- No need pump controller
- Get large flow with few solar panel
- High Efficiency
- 100% copper wire

Technical Data

Model	Flow m³/hr	Max Head (m)	Power (W)	Input Voltage	Outlet Diameter (mm)	Calculated (A)	Configuration
SZDPS 3.5-15	3.5	15	180	12V	25	VOLT=12 ,CURRENT= 9.6A	2X125W X 1 ARRAY
SZDPS 3.5-23	3.5	23	300	48V	25	VOLT=24 ,CURRENT= 6.2A	2X450W (LV)/330W/275W X 1 ARRAY