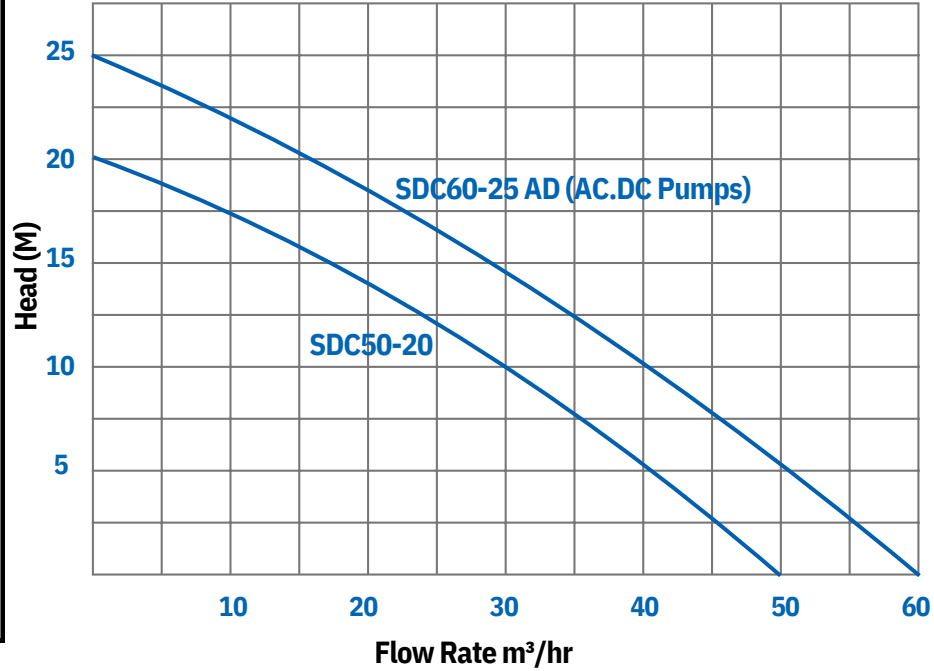


SDC SOLAR PUMP AC/DC

Performance Curves



Typical Applications

- Agriculture and Irrigation - Solar pumps efficiently supply water for irrigation, especially in remote farms.
- Livestock Watering - They provide reliable water for livestock, ensuring healthier and hydrated animals.
- Domestic Water Supply - Solar pumps ensure consistent water availability for households in off-grid areas.
- Community Water Supply - They are used to provide clean water for rural and underserved communities.
- Aquaculture and Fisheries - Solar pumps maintain water levels and improve oxygen flow in fish farms.
- Industrial Use - Industries utilize solar pumps for cleaning, cooling, and other essential processes.
- Environmental Applications - Solar pumps support reforestation and wildlife conservation by supplying water sustainably.
- Water Transfer and Storage - These pumps help transfer and store water from reservoirs to storage tanks.
- Solar-Powered Fountains and Landscaping - They enhance gardens and parks by powering fountains and irrigation systems.
- Flood Control and Drainage - Solar pumps effectively remove water from flooded areas and manage drainage systems.

Features

- Cast-iron impeller, long service life.
- All-copper 180-degree high temperature cable, high reliability.
- MPPT high performance, higher efficiency.
- A display board to show parameters such as error codes.

Technical Data

MODEL	PUMP		MAXIMUM FLOW (M³/H)	MAXIMUM LIFT (M)	INLET DIAMETER (INCH)	Input Voltage	Calculated A	Configutarion
	VOLTAGE (V)	POWER (W)						
SDC50-20	DC110~200V	1500	50	20	3	110V-150V	VOLT=110 ,CURRENT= 13.6A	3X450W (LV) (330W) X 1 ARRAYS
SDC50-20 AD (AC/DC pumps)	DC110~200V	1500	50	20	3	DC80V-430V AC 80V-240V	VOLT=200 ,CURRENT= 7.5A/3.4A	10x450W(LV)/330W /5X450W(HV) X 1 ARRAY
SDC60-25 AD (AC/DC Pumps)	DC80V~430V	2200	60	25	4	DC80V-430V AC 80V-240V	VOLT=280 ,CURRENT= 7.8A/5.2A	10x450W(LV)/5X450W(HV) X 1 ARRAY