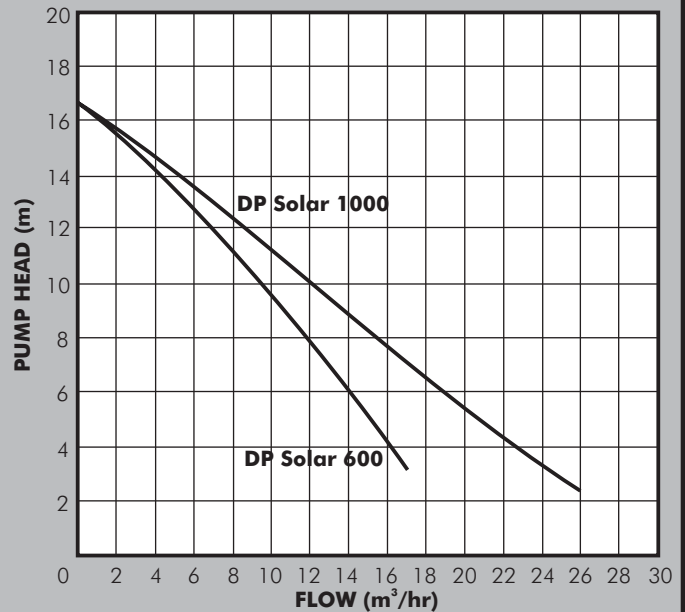




DP Solar Solar Pool Pumps



PUMP

The Dayliff DPSolar pool pump is specifically designed for swimming pools, ponds and water features where mains power supply is unavailable. The pump end is made from premium corrosion free engineering plastic material and is provided with a large filter basket, quick release see through lid and inlet and outlet unions. It is manufactured to standards providing high efficiency, long life and excellent serviceability.

CONTROLLER

Pumps are provided with separate high-efficiency controllers with the following functionalities;

- Over/underload and over temperature
- Low voltage disconnect for battery operation
- Integrated MPPT (Maximum Power Point Tracking)

MOTOR

The pump is connected to a maintenance free, brushless DC motor. The motor runs on variable speed to 3000rpm providing excellent performance and efficiency.

Enclosure Class: IPX4

Insulation Class: F

PUMP OUTPUTS

Pump output curves are given at standard test conditions of 1000W/m² solar irradiance and 25°C. Output will vary throughout the year depending upon prevailing irradiation levels. For estimated daily outputs at continuous pumping multiply by the daily irradiation given in Graph 1. For indicative purposes factors of 1.1 can be applied for hot arid areas and 0.9 for temperate high altitude in the tropics. Output will vary throughout the day as a proportion of the estimated hourly irradiation as shown in Graph 2.

NOTE: Output estimations are strictly indicative. More accurate projections are available using manufacturers data when the exact site location and installation arrangement is defined. This information will be provided with all offers.

OPERATING CONDITIONS

Pumped Liquid: Thin, clean non-aggressive liquids not containing fibers or particles

Max. Liquid Temperature: 60°C

Ambient Temperature: -30°C - +50°C

PUMP DATA

Model	Power						Dimensions (mm)					Weight (kg)
	kW	Rated Current (A)	Max. Current (A)	PV Modules (W)	Min. Voltage (V)	Max. Voltage (V)	DN1	DN2	L	W	H	
DPSolar 600	0.6	10	12	4x200	48	100	63	63	560	210	320	21
DPSolar 1000	1.0			6x200	110	200	80	80	756	275	420	31

