



The DAYLIFF DDPS 60 are solar booster pumps suitable for water transfer in small scale applications where grid power is unavailable. It is constructed of cast iron pump body, aluminium motor body, peripheral brass impeller and silicon carbide mechanical seal.

Features

- Inbuilt controller that provides thermal and over voltage protection
- Can be connected directly to a 500W, 24V PV power supply
- Pump is coupled to higher efficiency permanent magnet brushless DC motor rated for continuous operation

Power 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 the indicated output at the duty point 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 areas in East Africa. Output will vary throughout the day as a proportion of the estimated hourly irradiation as shown in Graph 2.

Operating Conditions

Pumped Liquid: Thin, clean, chemically non-aggressive liquid without solids or fibres

Max. Ambient Temperature: +35°C

Max. Liquid Temperature: +40°C

Max. Liquid Temperature: 7m at sea level

Pump Data

Model	Motor Input Power (W)	Voltage (V)	Inlet/Outlet	Dimensions (mm)			Weight (kgs)
				L	W	H	
DDPS 60	370	24	1"	265	120	150	5.5