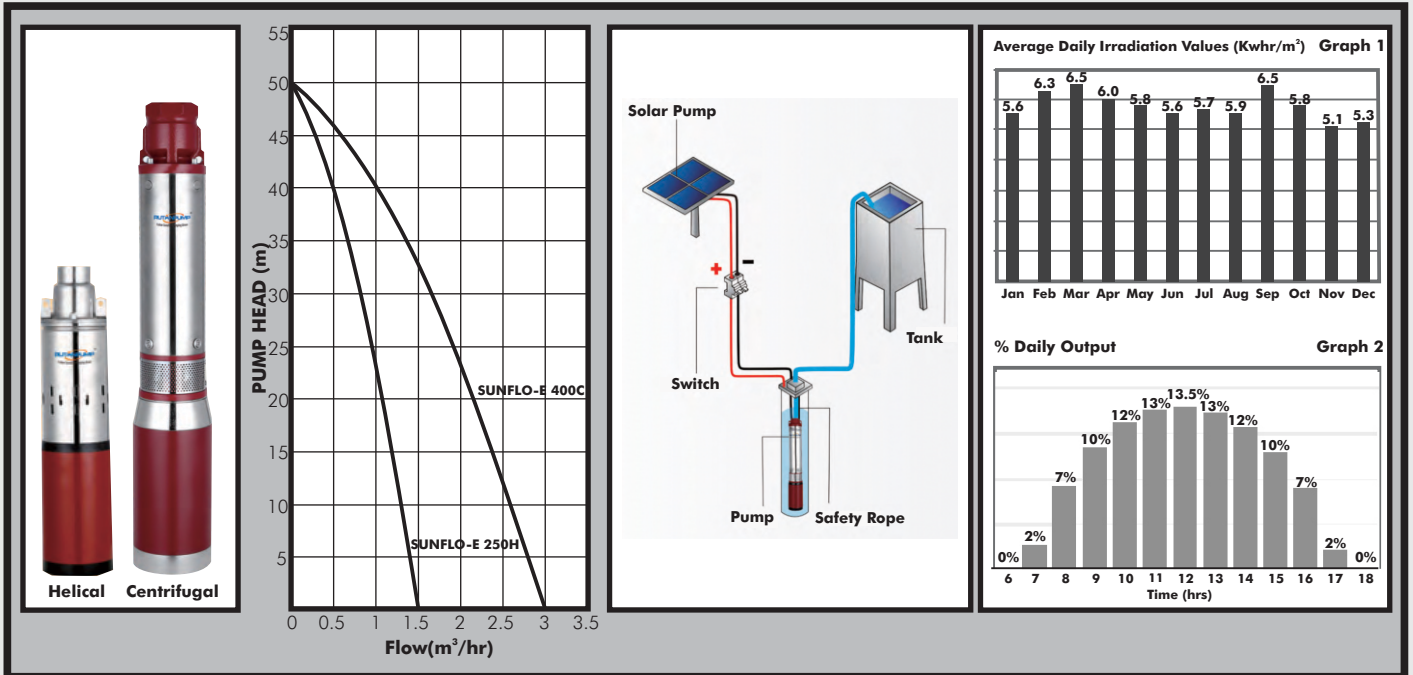




# SUNFLO-E

## DC Solar Submersible Pump



### PUMP

DAYLIFF SUNFLO-E pumps are economical specifically designed for PV solar powered water supply from wells and boreholes. They are either of centrifugal or helical rotor screw design with material of construction for rotary screw design being stainless steel AISI301 casing and outlet and Cast iron motor casing while centrifugal design features noryl impellers, stainless steel casing AISI301, Cast iron outlet and motor casing and Iron shaft. Pumps are supplied with spare brushes, 18m cable for the centrifugal and 20m cable for rotary screw type

### MOTOR

DC brush motor specifically designed for maximum efficiency from solar module power sources. It should be powered by a solar array configured to provide the input voltage required and sized at approximately 130% of the rated motor power.

**Enclosure Class:** IPX8

**Insulation Class:** B

**Speed:** 4000rpm

### OPERATING CONDITIONS

**Pumped Liquid:** Thin, clean, chemically non-aggressive liquids without solid particles or fibres.

**Max. Liquid Temperature:** 35°C

**Max. Particle Size:** 0.2mm

**Max Immersion Depth:** 15m

### PUMP DATA

Model	Type	Motor Power (W)	Input Voltage (V)	Rated Current (A)	Peak Voltage (V)	Open Circuit Voltage (VOC)	PV Configuration	Outlet (")	Dimensions (mm)		Weight (kg)
									W	H	
Sunflo-E 250H	Helical Rotor	250	24	8	≥30	<50	1x335W	1	78	360	5
Sunflo-E 400C	Centrifugal	400	48	8	≥50	<100	2x335W Series		102	610	13

