

PS600 BADU Top12



Solar Operated Centrifugal Surface Pump

Characteristics

- flow rate up to 15 m³/h
- maintenance-free thanks to brushless DC motor
- excellent efficiency

Application

- swimming pool water circulation through a filter system and thermal collectors
- pond management
- irrigation
- aquariums
- etc.

Components

Pump End (PE) BADU Top 12

- monoblock-type pump with integrated strainer tank
- bellow mechanical seal is mounted on a plastic shaft protected sleeve
- motor/pump shaft has no contact with fluid
- total electric separation
- strainer capacity approx. 3 l
- strainer basket mesh size approx. 3.2 x 2.6 mm

Material Used For Pump End

- pump casing, strainer basket: PP
- flange, gland housing: PP TV 40
- diffuser: PP TV 40
- impeller: PA 66 GF 30 / PC
- lid: PC, transparent
- mechanical seal: carbon / ceramic / NBR
- bolts: steel, galvanized

Motor ECDRIVE 600 BADU Top

- brushless, maintenance-free DC motor

Controller PS600

- controlling of the pump system and monitoring of the operating states
- mounted at surface (no submerged electronic parts)
- two control inputs for well probe (dry running protection), float or pressure switches, remote control etc.
- automatic reset 20 minutes after well probe turns pump off
- protected against reverse polarity, overload and high temperature
- speed control, max. pump speed adjustable to reduce flow rate to approx. 30 %
- solar operation: integrated MPPT (Maximum Power Point Tracking)
- battery operation: low voltage disconnect and restart after battery has recovered
- max. efficiency 92 % (motor + controller)

Warranty

Two years manufacturer's warranty against defects in material and workmanship

Pump System	PS600 BADU Top 12
article #	2921
controller	PS600
motor	ECDRIVE 600 BADU Top
pump end (PE)	BADU Top 12 (manufacturer Speck-Pumps)
source of energy (not contained in delivery)	solar generator (340-900 Wp) battery DC source

