

Solar-Operated Pump

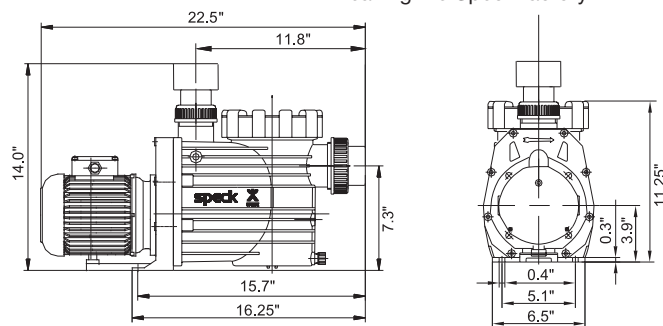
Why save electricity when you can generate it? Speck Pumps has taken another innovative step by creating the first solar pump for the pool and spa industry. Using 100% recyclable plastics makes this truly an “environment friendly” pump. The Badu[®] Solar is ideally suited for pools, filtration systems, solar pool heating, ponds, irrigation systems and aquariums. Speck’s high quality continues in the Badu[®] Solar with positive advances to benefit the consumer and the environment.



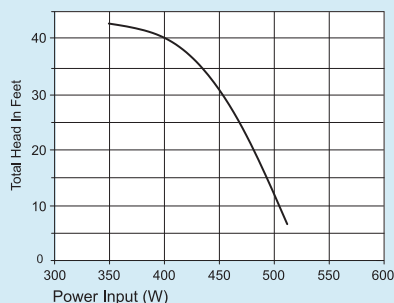
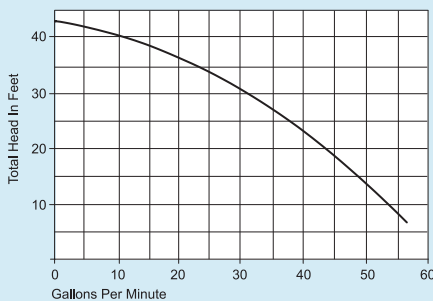
Badu[®] Solar

features

- This pump is suitable for solar generators 340 - 900 Wp (Watt-Peak) : 4-6 pieces of 12V nominal solar panels.
- Approximately 3/4 BHP
- Maximum flow rate is 66 gallons per minute.
- Solar generator: Nominal voltage 48-72 DC
Open circuit voltage max 150V.
- Battery, DC source: Nominal voltage 48V DC.
- Maintenance-free 3-phase brushless DC motor, with a maximum power input of 600 W.
- This solar pump comes equipped with 2” suction and 1½”/2” discharge unions ensuring optimum efficiency.
- The pump can be used for pool water with a salt concentration of up to 5000 ppm.
- Pump parts are made of 100% recyclable plastic. Non-corrosive, chemical/UV resistant, and can withstand temperatures of up to 175° F.
- Optional Component: The Controller PS600 protects against reverse polarity, overload, and high temperatures. 92% maximum efficiency (pump + controller)
- Three/Two year warranty on all pump parts, including normal wear of the mechanical seal. Motor and the Controller also carries a two year warranty.
- Every pump is performance tested before leaving the Speck factory.



Battery 48V DC - Performance Curve



Badu[®] Solar - Solar Performance Curve

