

Grundfos SQF Series Pumping Systems

Distributed By: Sunmotor International Ltd.



Grundfos SQ Flex pumping systems are reliable water supply systems especially suitable for remote locations not connected to the electricity supply grid. The SQ Flex System is equipped with the SQ Flex submersible pump.



A user friendly control unit that maintains two way communication with the pump and monitors the operating conditions. Built in diagnostics indicate faults and dry running, display operating status power consumption and level switch input.



DRY-RUNNING PROTECTION

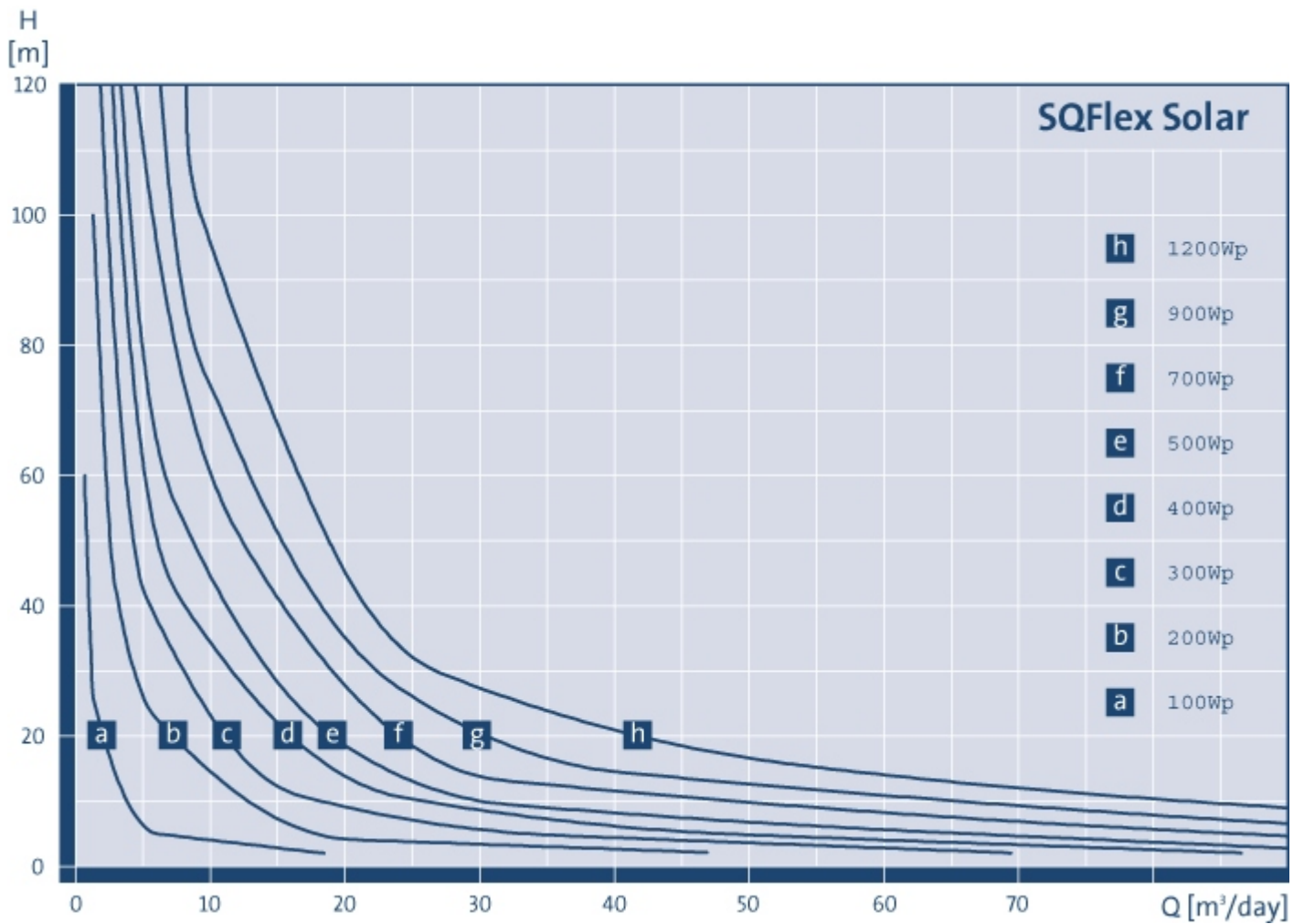
This unique feature shuts down the pump if it detects water shortage. It protects the well from being over pumped and the motor from burning out.

SQFlex pumps have built in protection features that protect the pump itself and in many cases the well. Among these features are:

Protection against dry running, overloading and overheating.

Automatic restart when water returns to the well.

Pump Performance



CU-200 Controller



A user friendly control unit that maintains two way communication with the pump and monitors the operating conditions. Built in diagnostics indicate faults and dry running, display operating status power consumption and level switch input.

IO-100 Controller



A very simple and easy to use system and with cable terminal connections interface. Controlled by a manual on/off switch.

IO-101 Controller



Acts as interface for powering back up supplies, providing automatic changeover. For instance when changing from generator to solar energy, the solar modules automatically power the system as soon as the fuel tank runs dry.