

PS200 AIR



Solar operated piston surface pump

- for air pumping
- differential pressure up to 0.6 bar (air)
- flow rate up to 4 m³/h (air)
- simple installation
- maintenance free
- high reliability and life expectancy
- cost-efficient pumping

Application

- pond ventilation
- oxygen enrichment of water
- etc.

Motor ECDRIVE 200 AIR

- brushless, maintenance free DC motor

Controller PS200

- controlling of the pump system and monitoring of the operating states
- mounted at surface (no submerged electronic parts)
- two control inputs for pressure switches, remote control etc.
- 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 88 % (motor + controller)
- enclosure: IP 54 (sealed, weatherproof)



pump system	PS200 AIR
article no.	4010
max. differential pressure [bar]	0.6
max. flow rate [m ³ /h]	4.0
solar operation	nominal voltage 24-48 V DC open circuit voltage max. 100 V DC
solar generator [Wp]	80-250
battery operation	nominal voltage 24 - 48 V DC