



Complete independence – complete water supply

IBC PumpController

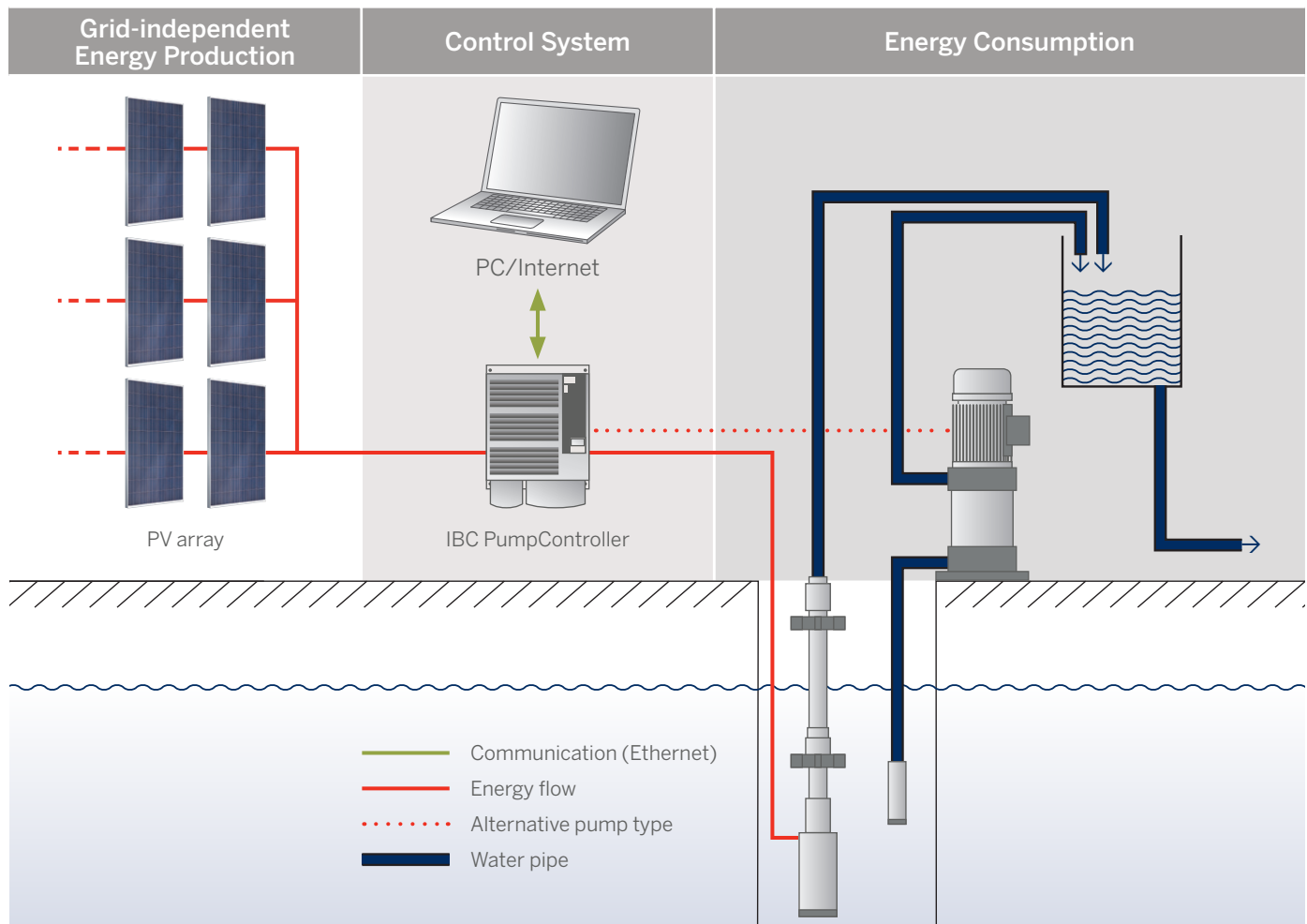
Reliable solar-powered water pump solution

Being away from the public grid does not mean that you have to rely on diesel gensets in order to power your water pumps. The IBC PumpController is at the heart of a stand-alone solar-powered water supply solution and takes over control of your pumps, while the PV system provides energy.

Our off-grid experts have used their more than 30 years experience to coordinate the high-quality components with one other to ensure that very little maintenance is required and that operating costs are kept to a minimum. This means that a long and trouble-free service life can be maximized.

Highlights:

- ❑ Ideal for all pump sizes from 1.5 kW to 90 kW
- ❑ Suitable for all three-phase 400 V pump motors
- ❑ Superior cost efficiency through advanced maximum power point (MPP) control
- ❑ Maximum flexibility through a modular system design for new and existing installations
- ❑ Proven industrial components with worldwide spare parts supply included: Siemens SINAMICS S120 frequency inverter
- ❑ Integrated dry-run protection
- ❑ Water volumes can be measured without a sensor
- ❑ Remote system access via web server



Suitable for all three-phase motor pumps

TECHNICAL DATA

IBC PumpController

Item number	Description	Adapted for pumps [kW/PS]	Input voltage DC [V]	Dimensions w/h/d [mm]	Approx. weight [kg]
5600400003	IBC PumpController 3 kW	1.5-3/~2-4.1	500-800	600/760/350	50
5600400004	IBC PumpController 7.5 kW	3.1-7.5/~4.2-10.2	500-800	600/760/350	55
5600400005	IBC PumpController 15 kW	7.6-15/~10.3-20.4	500-800	600/760/350	60
5600400007	IBC PumpController 22 kW	15.1-22/~20.5-29.9	500-800	800/1500/500	180
5600400008	IBC PumpController 25 kW	22.1-25/~30-34	500-800	800/1500/500	185
5600400009	IBC PumpController 30 kW	25.1-30/~34.1-40.8	500-800	800/1500/500	185
5600400010	IBC PumpController 45 kW	30.1-45/~40.9-61.2	500-800	800/1500/500	190
5600400011	IBC PumpController 55 kW	45.1-55/~61.3-74.8	500-800	800/1900/600	250
5600400012	IBC PumpController 75 kW	55.1-75/~75.9-102	500-800	800/1900/600	260
5600400013	IBC PumpController 90 kW	75.1-90/~102.1-122.4	500-800	800/1900/600	270

Protection class: IP54

Ambient temperature: max. 40 °C

2016-04-27

Presented by:

The warranty requires installation according to the valid installation instructions.
Subject to modifications that represent progress.