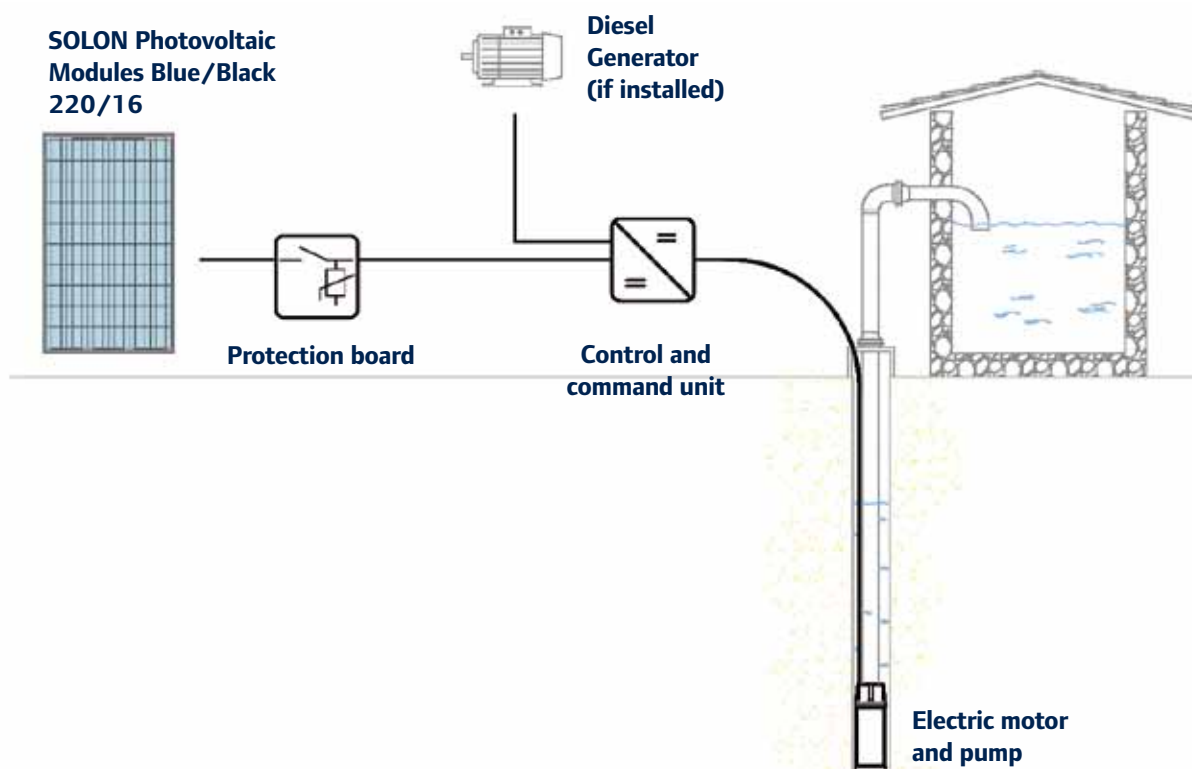




SOLON SOLkit stand-alone: Water Pump Kit



- Ideal for potable water pumping or for watering stock or for small irrigation systems
- Extraction of water from wells with head range from 40m to 140m
- Capacity from 3m³ to 30m³ per day

SOLON SOLkit stand-alone Water Pump version: Easy-to-install, high performing, pre-sized kit.

Constructed from special steel to ensure long life in all conditions of use. The pump body, motor and control electronics can be removed separately for replacement or servicing purposes.

High technology to guarantee high efficiency: DC pumps with MPPT regulator for tracking the maximum power point of the photovoltaic modules and external interface board with display shows the machine's current status.

The kit Water Pump is equipped with water floating engine for the prevention of pollution of the ground water.

Composition of the Water Pump Kit

	WP 0,6 750	WP 0,6 1000	WP 0,6 1250	WP 2 2500	WP 2 4000	WP 4 3000	WP 4 4000	WP 6 2500	WP 6 4500
Capacity [m ³ /h]*	0,6	0,6	0,6	2	2	4	4	6	6
Head range [m]**	60	90	120	80	140	60	86	44	80
Daily capacity [m ³ /day] ***	3	3	3	10	10	20	20	30	30
Photovoltaic power output [Wp]****	750	1000	1250	2500	4000	3000	4000	2500	4500

* higher capacities on request **from pump suction point to discharge height ***estimated at 5 hours of work per day ****calculated with 250Wp modules

Photovoltaic modules

	WP 0,6 750	WP 0,6 1000	WP 0,6 1250	WP 2 2500	WP 2 4000	WP 4 3000	WP 4 4000	WP 6 2500	WP 6 4500
PV module type	Solon Blue/Black 220/16	Solon Blue/Black 220/16	Solon Blue/Black 220/16	Solon Blue/Black 220/16	Solon Blue/Black 220/16	Solon Blue/Black 220/16	Solon Blue/Black 220/16	Solon Blue/Black 220/16	Solon Blue/Black 220/16
Module power	240 245 250	240 245 250	240 245 250	240 245 250	240 245 250	240 245 250	240 245 250	240 245 250	240 245 250
N° of modules	3	4	5	10	16	12	16	10	18
Module configuration	3 in series	4 in series	5 in series	2 systems in parallel of 5 modules	2 systems in parallel of 8 modules	2 systems in parallel of 6 modules	2 systems in parallel of 8 modules	2 systems in parallel of 5 modules	2 systems in parallel of 9 modules

Pump

	WP 0,6 750	WP 0,6 1000	WP 0,6 1250	WP 2 2500	WP 2 4000	WP 4 3000	WP 4 4000	WP 6 2500	WP 6 4500
Power	dc	dc	dc	ac	ac	ac	ac	ac	ac
Additional power supply	no	no	no	yes	yes	yes	yes	yes	yes
Pump model	SQFLEX SQF 1.2-2	SQFLEX SQF 1.2-2	SQFLEX SQF 1.2-2	4HS 02/04 MP	4HS 02/08 MP	4HS 04/03 MP	4HS 04/05 MP	4HS 06/02 MP	4HS 06/04 MP
Guarantee (years)	2	2	2	2	2	2	2	2	2

Accessories

Interface board	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.
Protection board	•	•	•	•	•	•	•	•	•
Overflow sensors	opt.	opt.	opt.	opt.	opt.	opt.	opt.	•	•
Power cable	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.
Communication cable	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.