

MADE IN  
EUROPE 

# Pumpmakers

Provide Water & Work



PM Solar Pump Systems

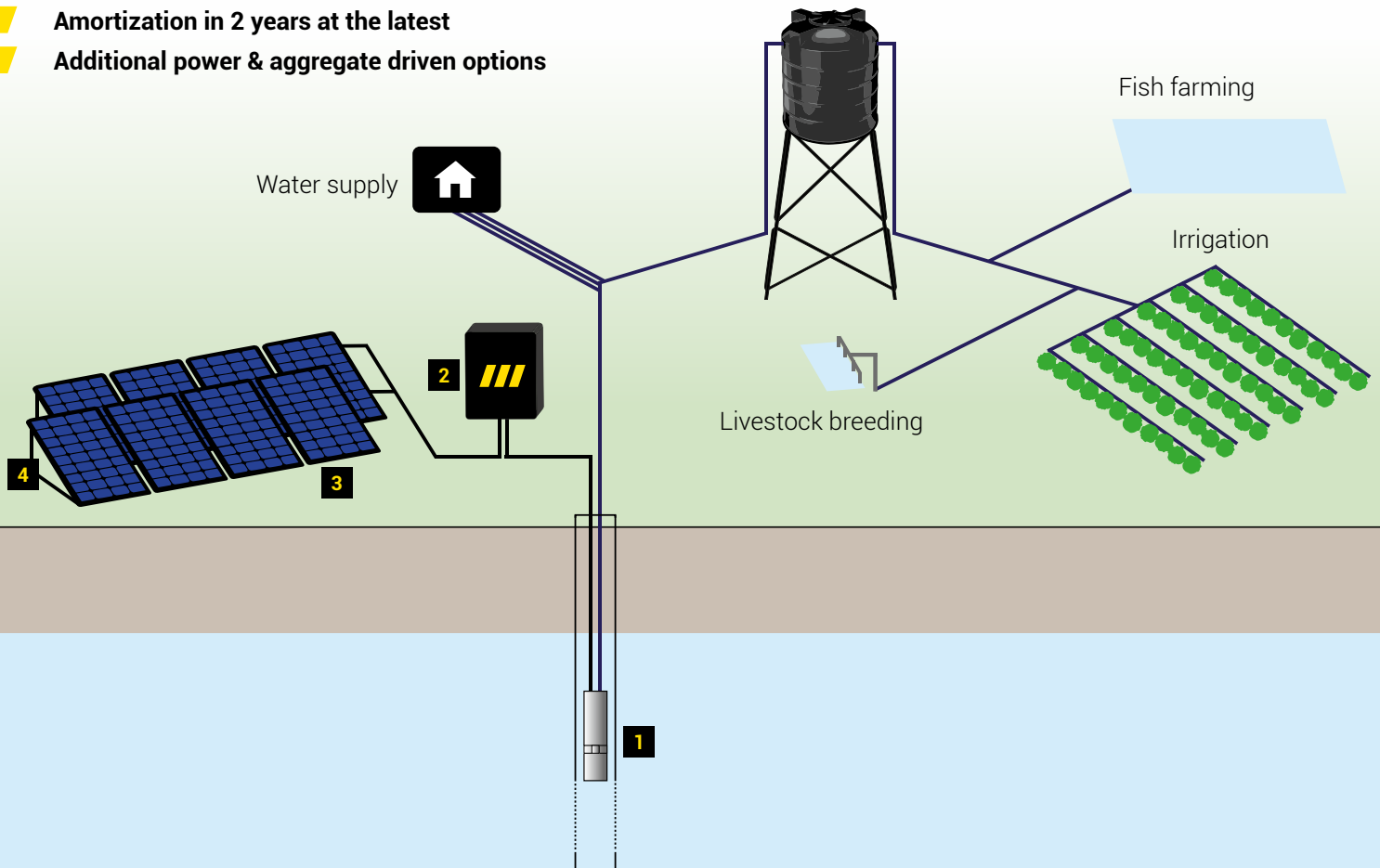
## Datasheet



### COMPONENTS

- 1** Solar pump
- 2** Pump controller
- 3** Solar panels
- 4** Solar racks
- 5** Underwater cable
- 6** Solar cable & connectors

- No running costs**
- Top quality made in Europe**
- More than 300 m<sup>3</sup> water per day**
- More than 350 m delivery height**
- Small, medium and high volume water supply systems**
- Amortization in 2 years at the latest**
- Additional power & aggregate driven options**



## Datasheet

Type	Volt	Power	Max. Head	Max. Flow	Outlet	Well Ø	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
	(V)	(KW)	(m)	(m³/h)	(inch)	(inch)	m³/h																								
PM4-45/5	230	0.37	27	6.6	1 1/4	4	5.3																								
PM4-18/12	230	0.55	67	3.0	1 1/4	4	3.0	2.6	2.0	1.2																					
PM4-18/16	230	0.75	89	3.0	1 1/4	4	3.0	2.9	2.5	2.0	1.5																				
PM4-18/24	230	1.1	134	3.0	1 1/4	4	3.0	3.0	2.9	2.6	2.3	2.0	1.7	1.2																	
PM4-18/33	230	1.5	184	3.0	1 1/4	4	3.0	3.0	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.6	1.2	0.6													
PM4-28/36	230	2.2	201	4.8	1 1/4	4	4.8	4.8	4.8	4.6	4.4	4.1	3.8	3.5	3.2	2.7	2.1	1.3	0.4												
PM4-28/49	230	3.0	273	4.8	1 1/4	4	4.8	4.8	4.8	4.8	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.2	2.9	2.5	2.1	1.5	1.0	0.5							
PM4-45/36	230	3.0	197	6.6	1 1/4	4	6.6	6.6	6.6	6.6	6.3	5.8	5.4	4.9	4.3	3.6	3.0	1.8	0.6												
PM4-28/60	230	4.0	335	4.8	1 1/4	4	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.4	3.1	2.8	2.6	2.2	1.8	1.3	0.8	0.2			
PM4-55/35	230	4.0	217	8.4	1 1/4	4	8.4	8.4	8.4	8.4	8.0	7.4	7.0	6.2	5.7	5.0	4.2	3.1	1.8	1.0											
PM4-85/24	230	4.0	167	12.0	2	4	12.0	12.0	12.0	11.5	10.5	9.5	8.5	7.5	6.0	4.0	0.5														
PM4-55/48	400	5.5	298	8.4	1 1/4	4	8.4	8.4	8.4	8.4	8.4	8.0	7.6	7.2	6.6	6.2	5.9	5.4	4.8	4.2	3.6	3.0	2.4	1.3	0.5						
PM4-85/30	400	5.5	203	12.0	2	4	12.0	12.0	12.0	11.8	11.3	10.8	10.0	9.3	8.3	7.5	6.1	4.6	3.0												
PM4-140/35	400	7.5	186	21.0	2	4	21.0	21.0	20.0	18.2	17.0	15.5	13.5	12.0	10.5	9.0	7.2	4.4													
PM4-85/38	400	7.5	257	12.0	2	4	12.0	12.0	12.0	12.0	12.0	11.5	11.0	10.5	9.8	9.5	8.5	8.0	7.0	6.0	4.7	3.3	1.5								
PM6-12/24	400	9.2	261	18.0	3	6	18.0	18.0	18.0	18.0	18.0	17.9	17.0	16.2	15.0	14.1	13.0	11.5	9.7	7.0	4.5	2.0	0.5								
PM6-12/29	400	11.0	315	18.0	3	6	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.0	16.5	16.0	15.0	14.2	13.1	12.0	10.9	9.0	6.8	4.5	3.0	1.0					
PM6-12/34	400	13.0	370	18.0	3	6	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.2	16.5	16.2	16.0	15.0	14.1	13.5	12.5	11.5	10.1	8.2	6.1	4.8	3.0	2.0	0.5	
PM6-16/27	400	15.0	290	25.0	3	6	25.0	25.0	25.0	24.0	23.0	22.6	21.9	21.6	20.8	19.2	18.5	17.8	16.5	15.0	12.5	10.0	6.2	3.5							
PM6-20/23	400	18.5	269	33.0	3	6	33.0	33.0	33.0	32.0	31.0	30.5	29.0	28.0	26.9	25.0	23.9	22.1	19.6	16.5	11.9	6.0	1.5								
PM6-32/11	400	18.5	171	54.0	3	6	54.0	54.0	50.9	47.5	43.0	40.0	36.0	31.0	25.0	18.0	6.0														
PM6-20/28	400	22.0	327	33.0	3	6	33.0	33.0	33.0	33.0	32.5	32.0	31.0	30.0	29.0	28.0	26.5	25.0	24.2	23.0	21.5	19.5	16.5	12.0	9.0	5.0	2.0				
PM6-32/13	400	22.0	202	54.0	3	6	54.0	54.0	52.0	49.5	47.0	43.5	40.0	35.8	32.9	29.0	23.5	16.0	6.0												
PM6-28/21	400	30.0	316	48.0	3	6	48.0	47.0	46.0	44.0	43.0	41.0	40.0	38.0	37.0	34.5	33.0	30.5	28.0	26.8	24.0	21.0	17.8	14.5	10.0	5.0	0.5				
PM6-40/13	400	30.0	222	57.0	3	6	57.0	57.0	57.0	57.0	56.5	53.0	50.0	46.0	43.0	39.0	34.0	28.5	18.0	4.5											
PM6-28/25	400	37.0	376	48.0	3	6	48.0	48.0	47.0	45.5	44.0	43.0	41.8	40.2	39.0	37.5	36.1	34.0	33.5	31.0	30.0	28.0	26.0	23.7	21.0	18.0	14.5	12.0	8.8	2.0	
PM6-40/16	400	37.0	256	57.0	3	6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	54.5	52.0	48.5	46.0	43.5	40.0	36.0	32.5	27.5	18.0								

More systems available upon request, including power and aggregate driven versions.



## About Pumpmakers

**PM Pumpmakers GmbH** is an Austrian solar company, specializing in the research and development of power and water solutions, using renewable energy sources.

To meet the needs of a fast-growing market, Pumpmakers focuses on innovative solar pump systems for the supply of rural and urban areas with drinking water as well as power & internet, water exploration, water well construction, WASH solutions, agricultural purposes and the implementation of entire projects for clients.

A team of engineers and constructors tackles the challenges posed by the global water crisis head-on to design and develop truly self-sustainable water pump systems with a clear goal: millions of people all over the world should have access to safe, clean drinking water.

Pumpmakers Water Pumps can easily be set up to replace pre-installed water pumps, such as hand water pumps, generator-powered water pumps or windmill water pumps.



Water Supply



Irrigation



Livestock Breeding



Fish Farming

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