



PM Solar Pump Kit SPM-S-AD Series

System Features

- ✔ Max. water head 158 meters and max. average daily water flow 215 cubic meters.
- ✔ Support soft start of pump. Full motor protections.
- ✔ Inverter full aluminum alloy case., IP65 protection grade, suitable for harsh outdoor installation environment.
- ✔ Inverter with boost and PFC circuit built-in, support wide input voltage range.
- ✔ Support dual power supply of PV/AC power, with solar priority function.
- ✔ One key to enable the power saving mode (CRUISE).
- ✔ Built-in DC circuit breaker and fuse, integrated design and wiring simplifying.
- ✔ Optional built-in wireless communication module to implement system remote monitoring.
- ✔ Optional PayGo function module to provide convenient and reliable installment payment functions.



Product Specification

No.	Model	Motor Power	Motor Voltage	Max. DC Input Voltage	Recommended MPP Voltage	Recommended Water Head	Recommended Daily Water Flow	Recommended Solar Array
1	SPM42200S045S-AD	2.2 kW	220 V	440 V	> 180 V	158 - 25 m	10 - 45 m ³	330W/36V × 9PCS × 1String = 2970W
2	SPM42200S055S-AD	2.2 kW	220 V	440 V	> 180 V	95 - 17 m	20 - 55 m ³	330W/36V × 9PCS × 1String = 2970W
3	SPM42200S160S-AD	2.2 kW	220 V	440 V	> 180 V	35 - 6 m	45 - 160 m ³	330W/36V × 9PCS × 1String = 2970W
4	SPM62200S205S-AD	2.2 kW	220 V	440 V	> 180 V	30 - 5 m	35 - 205 m ³	330W/36V × 9PCS × 1String = 2970W
5	SPM43000S065S-AD	3 kW	220 V	480 V	> 250 V	131 - 22 m	25 - 65 m ³	530W/40V × 8PCS × 1String = 4240W
6	SPM43000S130S-AD	3 kW	220 V	480 V	> 250 V	62 - 11 m	50 - 130 m ³	530W/40V × 8PCS × 1String = 4240W
7	SPM63000S215S-AD	3 kW	220 V	480 V	> 250 V	43 - 7 m	45 - 215 m ³	530W/40V × 8PCS × 1String = 4240W
8	SPM43000S215S-AD	3 kW	220 V	480 V	> 250 V	28 - 4 m	115 - 215 m ³	530W/40V × 8PCS × 1String = 4240W
9	SPM42200C050S-AD	2.2 kW	220 V	440 V	> 180 V	117 - 20 m	15 - 50 m ³	330W/36V × 9PCS × 1String = 2970W
10	SPM42200C085S-AD	2.2 kW	220 V	440 V	> 180 V	86 - 14 m	15 - 85 m ³	330W/36V × 9PCS × 1String = 2970W
11	SPM42200C095S-AD	2.2 kW	220 V	440 V	> 180 V	70 - 11 m	30 - 95 m ³	330W/36V × 9PCS × 1String = 2970W

