

Photovoltaic water pumping system

HJ-PP22KH-P46H12

HJ-PP30KH-P60H15



Product Introduction

Combining new energy application technology with large-scale spray irrigation system technology can effectively replace traditional diesel power generation systems. This integration enables fully automated operations and addresses the requirements of desert management, grassland restoration, and similar projects. The system facilitates energy-efficient ecological management in remote and off-grid areas, meeting the needs of desert control, barren land management, and desert road maintenance

Product Features

- Multi-pump coordinated efficiency improvement
- Automatic operation
- Multi-level water solution
- Scalable multi-scenario



Parameter

HJ Model	HJ-PP22KH-P46H12	HJ-PP30KH-P60H15
Max. Input Voltage	880V	
Recommended MPPT Voltage	460-850V	
Max. input Current	45A	67A
Max. MPPT Efficiency	90	
Number of String	1	
Voltage	360-460Vac, 3PH	
Frequency	50Hz/60Hz (±3%)	
Max. Motor Output Power	22KW	30KW
Rated Output Voltage	380-460Vac (3PH)	
Output Frequency Range	0-50/60Hz	
Max.Output Current(1PH/3PH)	42A	57A
Q.max. (m3/h)	54	66
H.max. (m)	86	94
Protection Level	IP65	
Operating Temperature	-25~+60°C	
Cooling Way	Force cooling	
Display	LCD	
Communication	RS485,GPRS	
Altitude	3000m,above 3000m need derate operating	
Noise Emission	<50dB	
Dimension(W/D/Hmm)	460/260/715 mm	
Weight(kg)	35kg	
Compliance	EN 50178; IEC/EN 62109-1;IEC61800	

System Application Running Diagram

