Photovoltaic water pumping system

HJ-PP7K5H-P15H09
HJ-PP7K5H-P17H07

Product Introduction

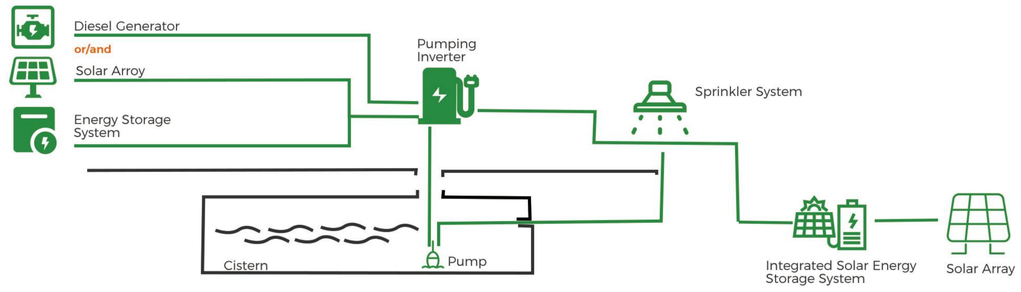
Combining new energy application technology with large-scale spray irrigation system technology can effectively replace traditional diesel power generation systems. This integration enables fully automated operations and addresses the requirements of desert management, grassland restoration, and similar 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

HUIJUE GROUP

Parameter

HJ Model	HJ-PP7K5H-P15H09	HJ-PP7K5H-P17H07
Max. Input Voltage	880V	
Recommended MPPT Voltage	460-850V	
Max. input Current	30A	
Max. MPPT Efficiency	>99%	
Number of String	1	
Voltage	360-460Vac, 3PH	
Frequency	50Hz/60Hz (±3%)	
Max. Motor Output Power	7.5KW	
Rated Output Voltage	380-460Vac (3PH)	
Output Frequency Range	0-50/60Hz	
Max.Output Current(1PH/3PH)	18A	
Q.max. (m3/h)	20	22
Total head in meters	55	43
Protection Level	IP65	
Operating Temperature	-25~+60℃	
Cooling Way	Nature cooling	
Display	LED/LCD	
Communication	RS485,GPRS/Bluetooth	
Altitude	3000m,above 3000m need derate operating	
Noise Emission	<50dB	
Dimension(W/D/Hmm)	265/150/330 mm	
Weight(kg)	6.5kg	
Compliance	EN 50178; IEC/EN 62109-1;IEC61800	

System Application Running Diagram