Photovoltaic water pumping system

HJ-PP15KH-P30H13

Product Introduction

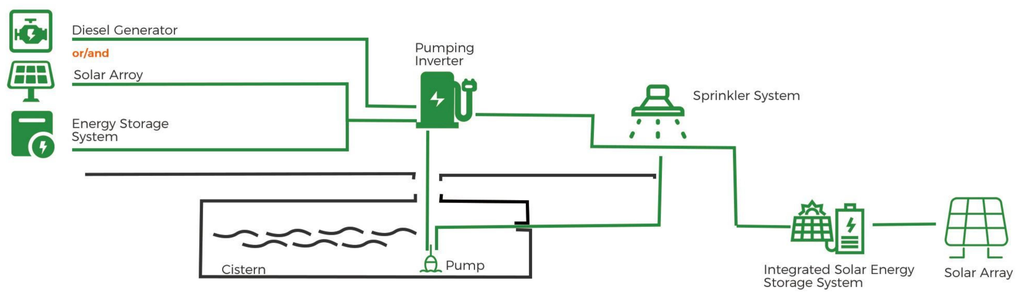
Combining new energy application technology with large-scale spray irrigation system technology can effectively replace traditional diesel power generation systems. This integration enables fully automated operations and addresses the requirements of desert management, grassland restoration, and similar 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-PP15KH-P30H13
Max. Input Voltage	880V
Recommended MPPT Voltage	460-850V
Max. input Current	45A
Max. MPPT Efficiency	>99%
Number of String	1
Voltage	360-460Vac, 3PH
Frequency	50Hz/60Hz (±3%)
Max. Motor Output Power	15KW
Rated Output Voltage	380-460Vac (3PH)
Output Frequency Range	0-50/60Hz
Max.Output Current(1PH/3PH)	29A
Q.max. (m3/h)	36
H.max. (m)	80
Protection Level	IP65
Operating Temperature	-25~+60℃
Cooling Way	Force cooling
Display	LCD
Communication	RS485,GPRS
Altitude	3000m,above 3000m need derate operating
Noise Emission	<50dB
Dimension(W/D/Hmm)	265/173/518.5 mm
Weight(kg)	17.5kg
Compliance	EN 50178; IEC/EN 62109-1;IEC61800

System Application Running Diagram