

JNTECH

# Solar Pump Group Controller

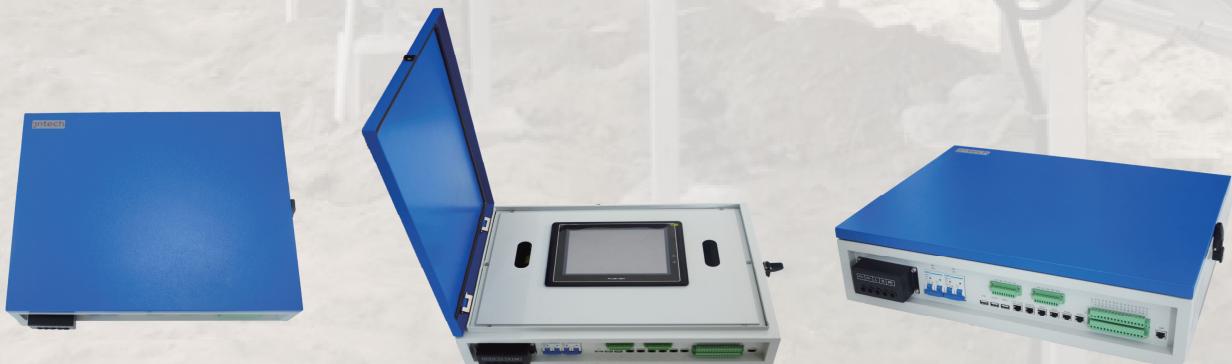
Designed for  
Solar Pumping System

## Applications:

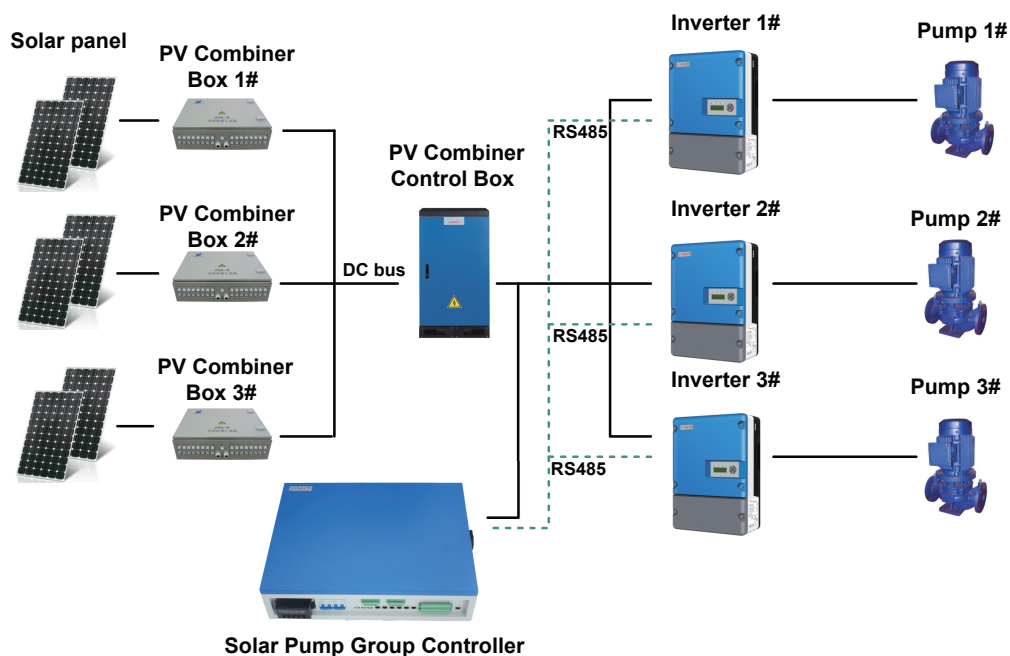
- Solar pumping projects with large flow, high head with multi-level water lifting, multi-system pipeline parallel.
- Solar large scale pointer type sprinkler irrigation system, solar dripping irrigation system.

## Functions:

- Real time energy scheduling and decrease significantly PV module cost.
- Realize system stable operation for lifting head over 1000m.
- Efficiency is 20% higher than traditional individual system.
- Touch screen, human-machine interface (HMI), can check the equipments operating status and related parameters.
- Multi-application scenarios, strong functional expansion, can be professional upgrades based on actual needs, high compatibility.



## System Diagram



## Technical Specifications

Model	JNPGCH-V1
Display	9.7" TFT LCD screen
Resolution	1024*768
DC Input Voltage Range	500V-880V
AC Input Voltage Range	90V-264V
Functional Terminals	10 groups of on-off switch input , 8 groups of on-off switch output, 2 groups of RS485 communication
Power Protection	Isolated power supply module with lightning surge protection
Allow Power off time	< 5ms
Rated Power	< 30W
Noise	<40dB
Operating Temperature	-20 ~ +60℃
Storage Temperature	-25 ~ +65℃
Environment Humidity	10 ~ 90%RH ( No condensation )
Cooling Way	Natural cooling
Protection Level	IP42
Dimension	580mm*440mm*138mm ( W*H*D )
Weight	14Kg