

SOLAR INTELLIGENT IRRIGATION

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The solar smart irrigation system is composed of cofferdam/water storage system/well, canal/pipeline, gate valve, water pump, photovoltaic power generation water pumping system, irrigation system (boosting pump, head, filter and distributed water storage system, pressure and flow detection, solenoid valve and main branch pipe, fertilizer applicator), remote communication and cloud management system. It is completely driven by new energy, through photovoltaic direct drive technology, energy management technology and detection and control technology, combined with various irrigation technologies, it combines photovoltaic power generation, automatic control and irrigation technology. Water storage tanks can be configured according to local conditions. Water storage is energy storage. It is widely used in water conservancy facilities in plains/deserts, hills/Gobi and mountainous areas to realize automated and digitally operated water storage and irrigation systems, and realize an integrated water-saving, energy-saving, green and efficient irrigation system of photovoltaic + irrigation (water-fertilizer integration) + Internet.

Photovoltaic irrigation controller

- The push-button human-computer interaction interface can intuitively display the information of each device in the system and control the operation of the system components.
- Real-time monitoring of irrigation system information, intelligent control of photovoltaic water pump system pipeline pressure, pipeline valves, etc.
- Fully automatic operation, unattended.
- Remote control can be performed using a mobile phone APP or PC.
- Meet the control requirements of complex photovoltaic irrigation systems such as photovoltaic drip irrigation and photovoltaic sprinkler irrigation.
- Multiple application scenarios, strong functional expansion, can be professionally upgraded according to actual needs, and high compatibility.

