



**Wise Energy Technologies**

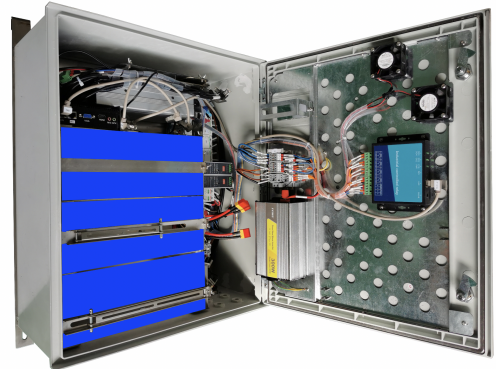
## **2kWh LTO battery UPS** *communication*

The UPS (Uninterruptible Power Supply) provides 12V, 24V, 48VDC Power for equipment connection and power supply, and 220V AC power for PC connection system maintenance.

Communicates comprehensive information about the load level, battery, state of the charger with end server.

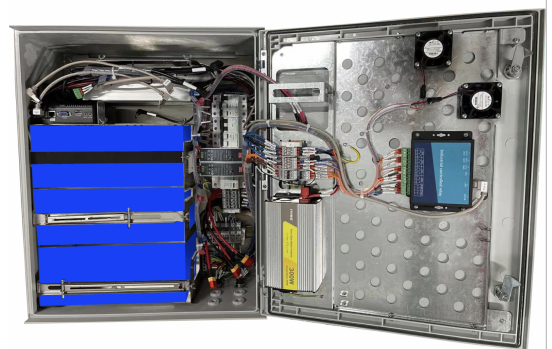
In real time, the UPS monitors the voltage parameters of the input and output circuits, optimally balancing the load on the battery, thereby extending their operation life, and also protects the user's information and data from sudden loss of electrical power.

Three 24V 30Ah LTO(Lithium Titanate Oxide) batteries allow fast charging during limited AC available time. IP65 protection rate and able to work under -40°C ~ 70°C outdoor environment.



## **Features**

- ❖ Three 24V 30Ah LTO(Lithium Titanate Oxide) batteries brought fast charging, low temperature tolerant, long life and safe features.
- ❖ Easy communication with the UPS via the RS-485 interface or over the network using an additional network adapter (supported data transfer protocols SNMP, ModBus).
- ❖ The protective automation system supports the safe connection of additional equipment with a nominal value of 12V, 24V and 48V without stopping the system operation.
- ❖ The UPS includes a power supply controller, to which you can connect up to 4 devices by programming their operation through normally closed and normally open relays.
- ❖ Leakage currents, over-voltage, short circuit protection is provided.
- ❖ Automatic battery monitoring and protection, cold-start capable, replaceable batteries

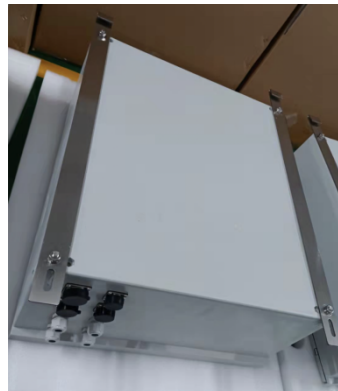




### Package includes (Can be customized)

- ❖ AC/DC 220V/24V Charger
- ❖ 2sets of cabinet keys installed with water-proof caps
- ❖ AC power cables available for local electricity meter connection and readable through glass window
- ❖ Amphenol 3+2pin connector & wire harness used for external AC equipment power supply and 2xsignal wires available(1pc)
- ❖ Cable glands for external equipment connect (4pcs)
- ❖ DC/DC converters 24V/12V(1pc) & 24V/48V (1pc)
- ❖ Amphenol 3 pin connector & wire harness for 220V AC input (1pc)
- ❖ Amphenol 23Pin connector & wire harness used for 24V,12V power supply, meanwhile can be used for Ethernet \ RS485 communication (1pc)

\* All external cable glands and connectors are IP67, weather proof, -40 ~ 70°C with dust cap.



### Specifications

Parameter	Ratings	Units
Rated input voltage	220	VAC
Dimensions	600x500x230 (L x W x H)	mm
Weight	22	kg
Mounting type	On the wall, on the support	
Cabinet body material & color	Fiberglass/ Grey (RAL7045)	
IP protection	IP65	
Storage temperature/Operating temperature	-50...80 /-40...70	°C
The maximum output current of DC/DC 24V/12V and 24V/48V	10	A
Rated voltage of the connected battery	24	V
Typical backup times at 50% and 75% load*	840min/600min	
*Backup times may vary with equipment, configuration, battery age, temperature, etc.		