

# Off Peak Power Storage

6kW Battery Storage System [T-BAT-SYS-HV-6.0]

Project  
**cürv**

## TAKING ADVANTAGE OF OFF-PEAK TARIFFS AND REDUCE ENERGY BILLS.

*Perfect for domestic and light  
commercial properties*

**The Cürv® power store is a high performance battery storage system; ideal for any size home.**

- Systematic design, in-depth optimization and seamless connection with Solax Hybrid inverter
- Unique battery heating technology, which is capable to work at low temperature
- Safest type of LiFePO<sub>4</sub> battery, an adoption of high-performance processors
- Modular stacking design, easy installation, supporting floor and wall mounting
- Auto power replenishment technology is adopted to prevent battery over-discharge
- IP65, supporting indoor and outdoor installation
- Remote fault diagnosis, upgrade and maintenance
- Multiple communication interfaces: RS485, CAN
- International brand devices, better stability
- Long life cycle, more than 6000 times
- Safety Cert. TUV, CE, UN38.3



**10 YEAR  
WARRANTY**



**MAXIMUM  
ENERGY EFFICIENCY**



**IP65  
PROTECTION**



**OFF-PEAK ENERGY  
CAPABILITIES**



**QUICK  
INSTALLATION**

# Off Peak Power Storage

## 6kW Battery Storage System [T-BAT-SYS-HV-6.0]

|  |             |
|--|-------------|
| Nominal voltage [V]                        | 204.8       |
| Operating voltage range [V]                | 180~232     |
| Total energy [kWh]                         | 6.1         |
| Usable energy <sup>1</sup> [kWh]           | 5.5         |
| Rated capacity [Ah]                        | 30          |
| Nominal power [kW]                         | 5.1         |
| Max. power [kW]                            | 6.1         |
| Recommend charge/<br>discharge current [A] | 25          |
| Max. charge/discharge<br>current [A]       | 30          |
| Battery roundtrip efficiency               | 95%         |
| Cycle life [90% DOD]                       | 6000 Cycles |
| Expected life time / Warranty [year]       | 10          |

|  |                      |
|--|----------------------|
| Available charge/discharge<br>temperature range [°C] | -30 to 50            |
| Storage temperature [°C]                             | -20 to 50 (3 months) |
| Relative humidity [%]                                | 0~100                |
| Altitude [m]   | Below 3000           |
| Degree of protection                                 | IP65                 |

|  |                                      |
|--|--------------------------------------|
| Battery to Inverter                            | RS485/CAN2.0                         |
| Battery to battery/BMS                         | CAN2.0                               |
| Master control capacity indicator              | 4LED<br>(25%, 50%, 75%, 100%)        |
| Master control LED indicator<br>(working mode) | 1 LED                                |
| System switch (on/off)                         | Button×1+Breaker×1                   |
| Certificate                                    | CE/IEC62619/UN38.3/<br>IEC62040/UKCA |
| Hazardous materials classification             | Class 9                              |

|                        |   |
|------------------------|---|
| Dimensions(W×H×D) [mm] | MC0600:<br>482.5 × 173.5 × 153<br>HV10230:<br>482.5 × 471.5 × 153 |
| Net weight [kg]        | MC0600:<br>7.5kg + (2 × HV10230): 69kg                            |

MC0600\*

HV10230\*



[1] Test conditions:90% DOD, 0.2C charger & discharger @+25°C

\* MC0600:Master Box (one MC0600 can be connected 1~4 HV10230)

\* HV10230:Slave Battery Pack

\* Max charge/discharge current may be variant with different inverter models