



The battery energy storage and fast charging are perfectly integrated, featuring an internal battery energy storage system that delivers a maximum charging power of 200 kW externally. This not only alleviates grid pressure but also meets the demand for rapid vehicle recharging. During non-peak charging periods, it participates in photovoltaic consumption and dynamic response as an energy storage system. It supports dynamic power distribution, enabling flexible expansion and efficient operation around the clock.

## Product Highlights

**0 capacity expansion**  
Reduce high-voltage construction investment

**200kW fast charging**  
Reduce high-voltage construction investment

**Virtual Power Plant**  
Capable of accessing virtual power plants

**30 minute rapid deployment**  
Deploy quickly, put and use immediately

**Double the income**  
Multiple operational strategies support maximizing revenue

**AI**  
AI algorithm integrated operation is more efficient

# Product panrameters

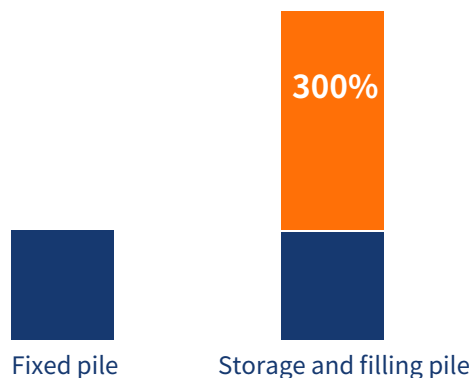
|                                     |                   |
|-------------------------------------|-------------------|
| Dimensions (width * depth * height) | 1200*1050*1905mm  |
| Capacity                            | 160kWh            |
| Weight                              | 1950kg            |
| Charging platform                   | 400-800V          |
| Output power                        | 40-200kW DC       |
| Input power                         | 5-80kW AC         |
| Input voltage                       | 380V              |
| Protection level                    | IP54              |
| Operating Temperature               | -20~60℃           |
| Relative humidity                   | ≤95%RH            |
| Altitude                            | ≤2000m full power |
| Battery heat dissipation            | liquid cooling    |

## Real case study





## Comparison of single gun profitability



## Product data

Slow charging and fast discharging

Innovative "slow storage and fast release" mode, which can meet high-power fast charging needs without the need for power expansion

Quick deployment

Reduce infrastructure costs, shorten construction period, deploy and put into use in 30 minutes

High yield

Peak shaving and valley filling, achieving efficient collaboration between energy storage and charging, using strategies such as valley charging and peak discharging, photovoltaic charging and peak discharging to increase profitability by 300% compared to traditional charging piles

Strong integration

The highly integrated electrical structure and multi-level bus control ensure the stability and reliability of the equipment. Cloud platforms based on big data can better predict demand, intelligently switch between grid, energy storage, and hybrid charging modes, achieving ultimate energy efficiency and maximizing revenue.

