



The battery energy storage and fast charging are perfectly integrated, featuring an internal battery energy storage system that delivers a maximum charging power of 300 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

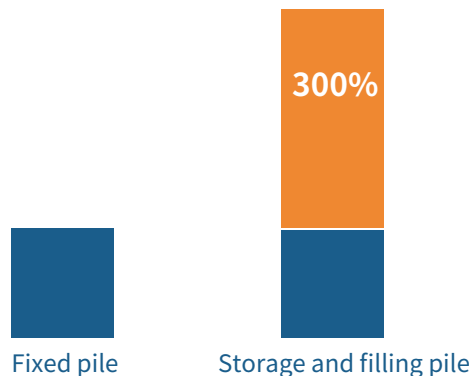
Dimensions (width * depth * height)	1200*1050*1905mm
Capacity	160kWh
Weight	1950kg
Charging platform	400-800V
Output power	40-200kW DC
Input power	5-80kW AC
Input voltage	380V
Protection level	IP54
Operating Temperature	-20~60℃
Relative humidity	≤95%RH
Altitude	≤2000m full power
Battery heat dissipation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

