



Insufficient Power Supply Solutions

"Electricity Capacity-Limited Charging Solution" refers to a charging solution designed for situations where there is limited electricity capacity available. This solution ensures effective charging operations even when there are constraints on the available power supply, typically in areas or facilities with restricted electricity capacity. We address various power shortages by adjusting power through different means, ensuring efficient charging despite the limitations.

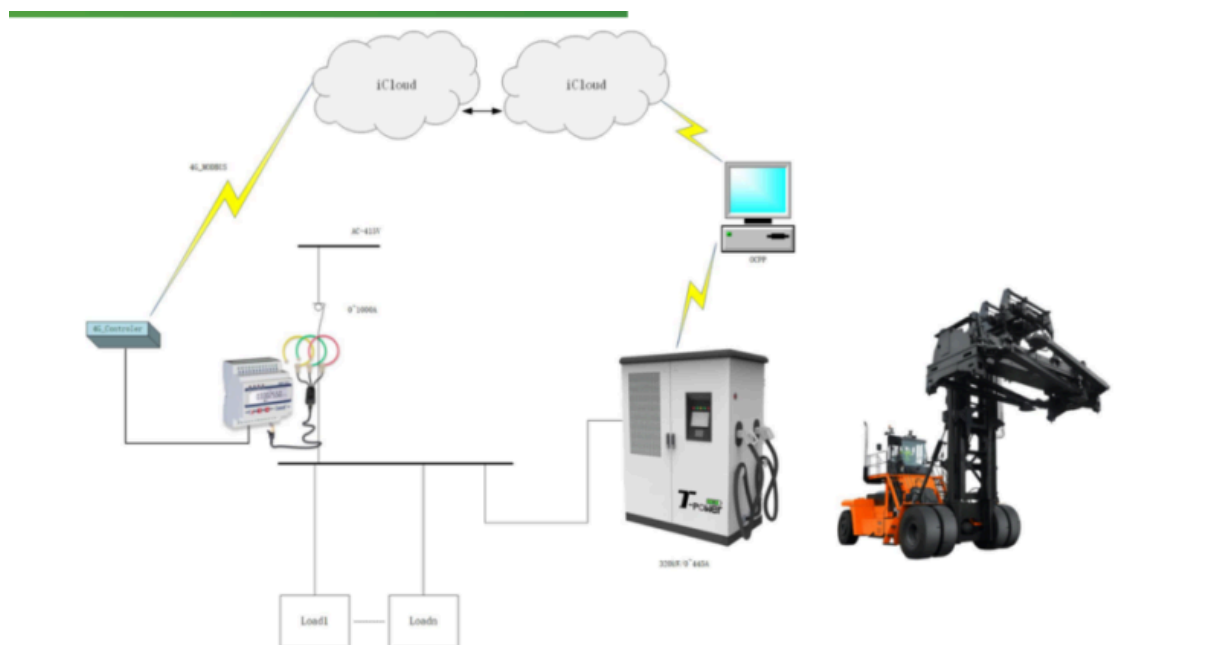
Hardware- Adjusted Charging Stations

In situations where the power supply is insufficient, our solution involves hardware adjustment of the charging station's power output. By fine-tuning the power settings of the charging infrastructure, we can effectively mitigate power shortages and ensure optimal performance. This approach allows for flexible and adaptive power management, enabling seamless operation of electric machinery even in challenging environments.



Dynamic Power Regulation

Current sensors are integrated with API interfaces to regulate power when factory power falls short. By monitoring real-time current consumption, we dynamically adjust charging station power, catering to both commercial and home charging needs. This versatile system ensures efficient energy utilization, seamlessly adapting to fluctuating power conditions in industrial settings while offering reliable charging solutions for residential use



Dynamic Charging: Slow Charging for Energy Storage, Rapid Discharge for Swift Charge

In environments where factory power falls short, our innovative solution introduces a dynamic charging approach. Slow charging optimizes energy storage, allowing for rapid discharge when needed, ensuring quick charge times to meet customer-defined deadlines. By seamlessly adjusting power levels, our system

adapts to fluctuating power availability, providing efficient charging solutions tailored to diverse operational constraints.

