

ZOOZTER™ – 100

Kinetic Power Booster

Enables ultra-fast EV charging wherever the grid power is insufficient



As the world transitions to EVs, the demand for ultra-fast charging is growing. Accordingly, the utilization rate is expected to exceed the grid power capacity. Unfortunately, grid upgrades involve a costly, complex, and time-consuming process.

ZOOZTER™-100 is a kinetic power booster which boosts the grid with bursts of power, allowing smooth and continuous ultra-fast EV charging, thus circumventing the need for a grid upgrade.

Optimal charging mechanism that best fits the EV's charging pattern

The ZOOZTER™-100 charges up with available power present in the grid, converts and stores it as kinetic energy, and discharges back to the grid upon demand a burst of power, on top of the grid's power. The resulting combined throughput is sufficient to charge the EV battery in minutes scale. As towards completion, each EV charging session draws less power, ZOOZTER™-100 can simultaneously recharge itself at this point, getting ready for the next charging session.

Enables early revenues generation while overcoming operational challenges

ZOOZTER™-100 becomes a game-changer to the EV charging infrastructure once the utilization rate exceeds the grid capacity. Optimizing the charging infrastructure by combining the ZOOZTER™-100 in it, with no need for grid upgrade, facilitates the immediate installation of high-powered chargers, resulting with more EVs charged in a shorter period, thus enabling CPOs, EPCs, Utility companies and fleet operators to gain higher revenues, faster.



ZOOZTER™-100 Features and Benefits:

- High charging-rate with best responsiveness to power changes.
- Flexibility: agnostic and compatible with all ultra-fast charger brands
- No degradation over time = >200,000 charging cycles
- Lower TCO over the full 15 years life span of the site.
- Safer - No hazardous & flammable chemicals.
- Green solution – low carbon footprint through production & operations.



Demand charges and Peak shaving

As newer EV models consume more power in shorter periods, charging patterns tend to have shorter but more intense energy peaks. ZOOZTER™-100 adeptly manages multiple rapid charging, helping customers to optimize energy consumption and save cost on demand charges.

Serves as an asset for the entire charging network

Once the site grid is upgraded, ZOOZTER™-100 can be either utilized to further optimize the charging sessions or may be easily redeployed at other sites.

ZOOZTER™-100 is deployed and serves leading companies in Europe and the USA. ZOOZ Power is committed to the highest standards of safety, and our commitment to excellence is underscored by a series of rigorous certifications.



ZOOZTER™-100 an optimal grid power booster

Boosts the grid with bursts of power enabling smooth and continuous ultra-fast EV charging without an immediate demand for a grid upgrade.

