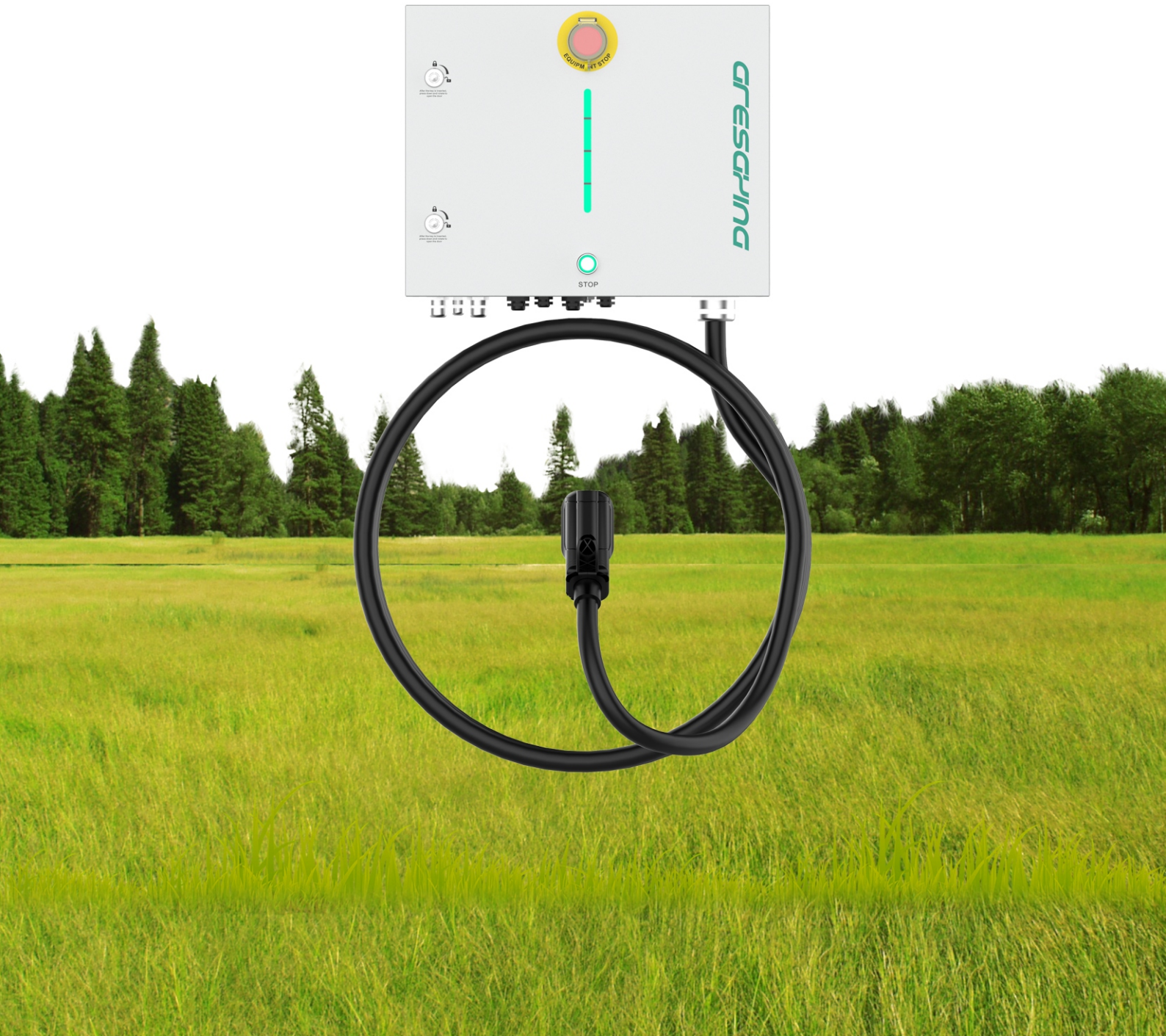
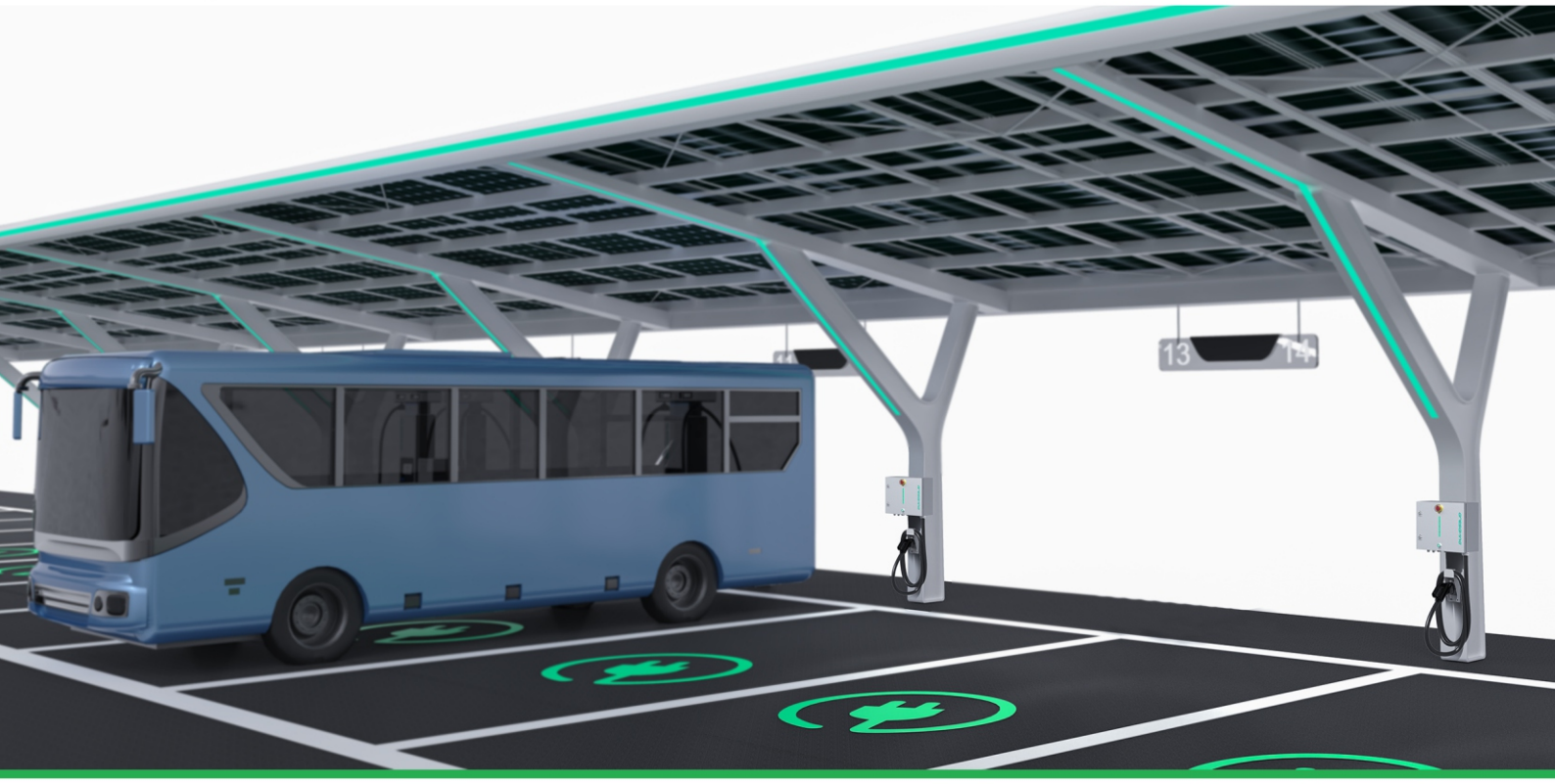
GRESGING

DTB 300 DEPOT BOX



DTB 300 Depot Box

Compact Fleet Depot Charging Solution for Buses, Cars, HDVs and More



Flexible Configurations

- Network connection: Ethernet
- Various mounting options: Wall, overhead, post to suit different charging scenarios
- 1 x 480kW power cabinet supports up to 12 Depot Boxes for simultaneous charging
- Adjustable outputs (max. 300A & 300kW) with dynamic load management for optimizing site energy usage
- Flexible deployment with up to 100m cabinet-to-dispenser distance

Intelligent Control

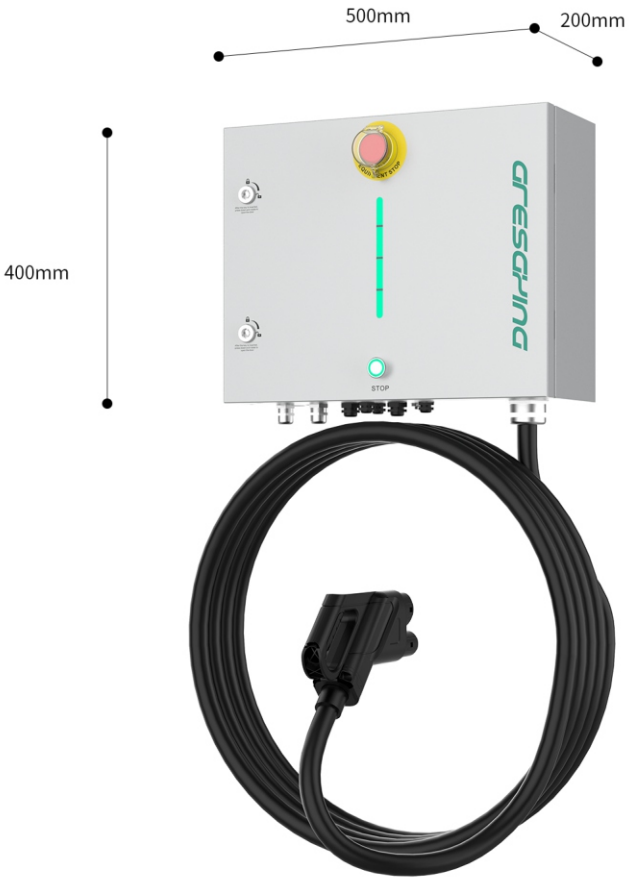
- OCPP 1.6J compliant for seamless CSMS / CMS integration
- Dynamic load management to respect site limits and cut peak costs
- Sequential / rotational charging for efficient overnight operations
- ISO 15118 compliant with support for smart session features
- VDV 261 compliant enabling standardized e-bus preconditioning
- Autocharge supported and Plug & Charge ready

Compact & Safe

- Centralized power architecture reduces bay-side footprint
- Cleaner, safer lanes with structured cable routing and optional overhead layouts
- IP55 ingress protection for demanding outdoor / industrial environments
- Built for high utilization and simplified maintenance cycles

DTB 300 Depot Box

Adaptable to Various Mounting Options for All Depot Charging Scenarios



- Wall / overhead mounting options available
- OCPP 1.6J certified
- Sequential charging for multiple vehicles
- Dynamic load management
- VDV 261 compliant (eBus preconditioning via ISO 15118 VAS)
- Autocharge and Plug & Charge ready
- IP55 protection for demanding outdoor / industrial environments
- Deployment up to 100m from power cabinet

TECHNICAL SPECIFICATIONS

Model	
Model number	LCTDG-300E-1
Rated power	300kW (peak 400kW)
Output Parameters	
DC output voltage range	150VDC~1000VDC
DC output current	300A (peak 400A)
User Interface & Control	
User authentication	App, QR scan, card swipe, button, MAC autocharge, POS terminal (optional)
Connectivity	Ethernet
Communication protocol	OCPP 1.6J (upgradeable to OCPP 2.0.1)
Mechanical Parameters	
Cable length	10m
Dimension (W×D×H)	500mm×200mm×400mm
Weight	≤55kg
IP rating	Ip55
User Interface & Control	
Storage temperature	-40°C~+70°C
Operating temperature	-30°C~+50°C
Operating humidity	5%~95% RH (no condensation)
Altitude	≤ 2000 m
Cooling method	Natural cooling (charging cable)
Optional	
Optional	Cable balancer, gun holder socket, MID, PTB, Eichrecht and LNE energy meter, control box (stop button & emergency stop button), signal amplifier
Certificate	
Certificate	CE, CB, UKCA, RoHS 2.0, REACH

GRESGYING
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