

DLM CONTROLLER



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Smarter Power Distribution, Safer Charging Network



Flexible Control

- Real-time load detection and EV prioritization using gateway meter data
- Intelligent & efficient: supports all Gresgying chargers & ESS



Scalable Master-Slave Architecture

- One Master can control up to 60 chargers via Slaves—ideal for larger sites requiring dynamic load balancing, modular expansion, and efficient energy management
- Master and Slaves support back-to-back pedestal installation—saving space, simplifying deployment, and ensuring neat on-site integration



System Safety

- Prevent transformer overload and site shutdowns
- Auto-reconnect & fault recovery minimizes manual resets
- Real-time data sync with backend ensures full visibility and analytics
- Ideal for buildings with limited grid power

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Real-time power allocation



Multiple communication interfaces



Transformer protection



7-inch touchscreen HMI



Supports 13 chargers,
expandable to 60 chargers
with slaves



Smart proportional
allocation algorithm

TECHNICAL SPECIFICATIONS

Model	
Model number	LCC-YXE
Power Parameters	
AC input voltage	220V / 230V±10%
Power	≤50W
Grid connection	L+N+PE
Connectivity	
Energy meter	RS485
EV charger connection	Ethernet (LAN)
Max. No. of connections	7pcs EV chargers (optional 13pcs)
DMS connection	4G (Sim card slot)
Features	
HMI	7-inch touch screen
Dimension (W×D×H)	290mm×155mm×430mm
Net weight	≤10kg
Protection	IP54
Installation	Wall mount (optional with pillar)
Storage temperature	-30~70°C
Operating temperature	-20~50°C
Operating humidity	5%~95% (no condensation)
Altitude	≤2000m

GRESGYING

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