

Wanlin OCPP Smart Socket

Product Brochure & Technical Overview - Two-Wheeler AC Charging Stations

OCPP 1.6J - OCPP 2.0.1 Compatible - 4G Cat.1 - 2026 Edition

Company Overview

Wanlin Smart Charging Technology (Shenzhen, Guangdong, China) is a factory-direct OEM/ODM manufacturer of OCPP smart sockets and two-wheeler AC charging stations. Every product speaks OCPP 1.6J (JSON over WebSocket) and is compatible with OCPP 2.0.1, connecting to any standard CSMS platform over built-in 4G Cat.1.



WANLIN-002 - 2-Socket Wall-Mounted OCPP Smart Socket

Parameter	Value
Sockets	2 x GB 5-hole, 10A, independent control + metering (connectorId 1-2)

Output

WANLIN-010 - 10-Socket OCPP Smart Charging Hub

Parameter	Value
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Sockets	10 x independent control + metering (connectorId 1-10)	Output
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OCPP 1.6J Profile Support

Profile	Support	Firmware Ma
Core	Full - complete session lifecycle	

Smart Features

- Scan-to-charge: WeChat / Alipay QR, no app download required
- RFID / NFC card charging (13.56 MHz, 0-30 mm) with 500-card local whitelist
- Auto stop-on-full: 5-minute low-current detection ends orders automatically
- Power-off resume: unfinished orders continue after outage
- Offline resilience: local authorization and automatic session data back-fill
- Remote operations: start/stop, tariffs, firmware OTA, metering export via OCPP

Seven-Layer Safety Protection

Overload - Over-current (4.6 A/socket) - Short-circuit - Leakage (30 mA, ≤ 0.1 s) - Over-temperature - No-load cut-off - Battery abnormality detection

Typical Applications

Residential bike sheds (1 unit per 2 spots) - Apartment and dormitory entrances - Campus and factory non-motorized depots - Delivery and rider charging hubs

Contact

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