

Dynamic Charger Management

DCM

The LIVOLTEK DCM is a smart charging management device based on the surplus power of the system, which dynamically adjusts the charging power of the chargers to maximize the use of surplus power for charging. The DCM is small in size, exquisite in appearance, and easy to operate. DCM cooperates with the chargers to realize zero overload risk of charging.



Features

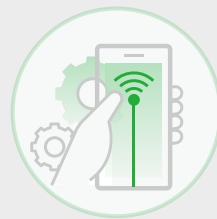
- Low power consumption
- Small size and light weight
- 2 power distribution modes: First Come, First Served/Average Distribution
- Complete interface configuration
- Wi-Fi/4G/Ethernet communication
- OCPP compliance enables backend system integration



High Compatibility



Dynamic Management



Remote Monitoring



OTA Upgrade

Compatible Products



Smart EV Charger



Smart Meter



Monitoring System

Specifications

Model	AC1-DCM
Product Name	Dynamic Charger Management
Input/Output	
DCM Rated Power	10W
DCM Rated Voltage	12Vdc
Power Adapter Rated Power	24W
Power Adapter Rated Input Voltage	220Vac±15%
Power Adapter Rated Output Voltage	12Vdc
Basic Features	
Noise	0dB
Operating Temperature	-30℃ ~ 50℃
Storage Temperature	-40℃ ~ 70℃
Operating Humidity	5% ~ 95%RH
Operating Altitude	≤2000m
IP Degree	IP20
Dimension (W*H*D)	152*112*35mm
Weight	< 1.5kg
Way of Installation	Wall Mounting
Standby Power Consumption	≤2W
Other Features	
Status Indication	LED
Firmware Upgrade	Local/OTA
Way of Communication	Bluetooth/Wi-Fi/Ethernet (4G Optional)
Breakpoint Continuation	Support
Power Off, Store Data Records	Support
One Click Restore Factory Configuration	Support
External Communication	RS485/CAN
Communication Protocol	OCPP 1.6
Number of Chargers Connected	≤15
External Interface	2xUSB (Host)/1xUSB (OTG)/2xEthernet (10/100 Mb/s)/1xDebug 1xRS232/2xRS485/2xCAN/1xGPIO/1xPower Supply Connector