

# Galaxy W Series 40kW

Hybrid charging station with 40kW DC, 22kW AC and 2.3kW domestic socket.



Urban



Commercial site



Temporary use



## General Info

Input Rating	400VAC±10%, 50/60Hz, L1+L2+L3+N+PE
Power Factor	≥0.99 @ full load
Efficiency	≥96.7% @ full load (peak)
Grid Type	TN-S, TN-C, TN-C-S, TT
Output Interface	1× CCS2, 1× Type 2 Socket 22kW (optional), 1× Type E (optional)
Output Power	CCS2: 40kW, Type 2 Socket: 22kW, Type E: 2.3kW
Output Voltage	CCS2: 200-1000VDC, AC: 230/400VAC ±10%
DC Output Current	Up to 150A

## User Interface

Display	15.6 inch
Support Language	EN/DE/FR/ES/IT/NL/PT (others on request)
HMI	270° RGB halo top lighting, RFID wave charging LED, 4× illuminated LED buttons
User Authentication	RFID badges (up to 500 local badges), dynamic QR code, App, contactless payment (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693

## Communication

Network Interface	Dual 4G LTE, Ethernet 10/100 Mbps
Protocol (EVSE & Backend)	OCPP 1.6J, OCPP 2.0.1/2.1 ready
Protocol (EVSE & EV)	DIN70121, ISO 15118-2/-20
Commissioning	WebConfig via LAN/WLAN
EMS Integration	Modbus TCP, RESTful API

## Environmental

Operating Temperature	-30°C to +50°C (derating may apply)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (non-condensing)
Altitude	≤2000m above sea level

## Mechanical

IP Rating	IP55
IK Rating	IK10 (front housing), IK08 (tamper-resistant glass), IK07 (payment terminal)
Cooling	Forced-air cooling
Charging Cable Length	5m total cable length, 4.2m effective reach
Cable Management System	Spring (optional)
Installation	Wall/Ground/Trolley

## Certification

Standards & compliance	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU, EN 18031
Certification	CE, Eichrecht (optional)