

SATELLITES

- SAT EKOEN
- SAT ONE +
- SAT BOX
- SAT 600 HPC

Designed to serve all electric vehicles. Space-efficient, easy to deploy, connected to a power unit provides smart and intuitive high power charging.

SATELLITES



The satellites provide fast direct current (DC) charging. They are part of a concept in which they are combined with the Power Unit to form a ready-made vehicle charging system that can be used to create multi-station charging hubs. The design of the units ensures

space efficiency, important in large cities. Easy to install and use. Supports all electric vehicles. Suitable for integration with all charging service providers.

	SAT EKOEN	SAT ONE +	SAT BOX
Sectors	EV E-VAN	EV E-VAN E-TRUCK E-BUS	E-VAN E-TRUCK E-BUS
Connectors	CCS (3,5m)	CCS (7m)	CCS (9,5 m)
Maximum charging current	250 A	400 A (up to 500)	250 A
Number of outputs	x1	x1	x1
Charging hub - variants with Power Unit	Axon Easy S 180 Axon Side Axon Side 350	Axon Easy S 180 Axon Side 180 Axon Side 350	Axon Easy S 180 Axon Side 180 Axon Side 350

SAT EKOEN

- CCS connector (3,5 m)
- LED indication of charger status
- Operation via intuitive 7" display with RFID
- Vandal-proof housing inert to weather conditions -25 +55°C



SAT BOX

- CCS connector (9,5m)
- Signal column (optional)
- Mounting pole (optional)
- Cable reel (optional)
- Communication with Power Unit (Ethernet)
- Vandal-proof housing inert to weather conditions -25 +55°C



SAT ONE +

- CCS connector (7m) suitable for operation with 500 A peak current, without cooling system
- Operation via intuitive 7" display with RFID
- DC energy meter MID Directive compliant
- Signal column
- Communication with Power Unit (Ethernet)
- Vandal-proof housing inert to weather conditions -25 +55°C
- For wall / facade mounting
- Pairing satellites (back-to-back) option



High-powered Power Units cooperation



Saving urban space



Interoperability

SAT EKOEN

Technical specifications

Configuration	CCS
Output	
Maximum charging current [A]	250
Communication	
Charging mode	IEC 61851-1 IEC 61851-23 IEC 61851-24 ISO 15118 DIN 70121
Protocol	OCPP 1.6-J OCPP 2.0.1
General	
Housing	Steel with galvanised coating
Protection rating	IP 54 IK 10
Overall dimensions [H x W x D]	1720 x 315 x 375
Weight [Kg]	~200
Operating temperature range [°C]	- 25 - +55 > 40 possible output power limitation
Operating altitude [m.a.s.l.]	≤ 2000
Compliance with standards	CE LVD 2014/35/UE EMC 2014/30/UE RED 2014/53/UE

SAT EKOEN

Equipment

Configuration	CCS
Connectors	
DC Connectors	CCS 3,5m
Housing	
Colour RAL 9016	✓
Charger status LED indication	✓
Additional branding	Option
Anti-graffiti	Option
Interface	
Emergency button	✓
7" display with integrated RFID card reader	✓
Communication	
Ethernet	✓
Catalog code	SEN -A010A0000C -9016

SAT BOX

Technical specifications

Configuration	CCS
Output	
Maximum charging current [A]	250
Communication	
Charging mode	IEC 61851-1 IEC 61851-23 IEC 61851-24 ISO 15118 DIN 70121
Protocol	OCPP 1.6-J OCPP 2.0.1
General	
Housing	Steel with galvanised coating
Protection rating	IP 54 IK 10
Overall dimensions [H x W x D]	500 x 500 x 380
Weight [Kg]	~60
Operating temperature range [°C]	- 25 - +55 > 40 possible output power limitation
Operating altitude [m.a.s.l.]	≤ 2000
Compliance with standards	CE LVD 2014/35/UE EMC 2014/30/UE RED 2014/53/UE

SAT BOX

Equipment

Configuration	CCS
Connectors	
DC Connectors	CCS 9,5m
Housing	
Colour RAL 9016	✓
RAL Colour (Other)	Option
Additional branding	Option
Anti-graffiti	Option
Mounting pole	Option
Cable reel	Option
Interface	
Signal column	Option
Communication	
Ethernet	✓
Catalog code	SBX -A010L0000C -9016

SAT ONE +

Technical specifications

Configuration	CCS
Output	
Maximum charging current [A]	400 (up to 500)
Communication	
Charging mode	IEC 61851-1 IEC 61851-23 IEC 61851-24 ISO 15118 DIN 70121
Protocol	OCPP 1.6-J OCPP 2.0.1
General	
Housing	Steel with galvanised coating
Protection rating	IP 54 IK 10
Overall dimensions [H x W x D]	1395 x 400 x 165
Weight [Kg]	~ 150
Operating temperature range [°C]	- 25 - +55 > 40 possible output power limitation
Operating altitude [m.a.s.l.]	≤ 2000
Compliance with standards	CE LVD 2014/35/UE EMC 2014/30/UE RED 2014/53/UE

SAT ONE +

Equipment

Configuration	CCS
Connectors	
DC Connectors	CCS 7 m
Housing	
Colour RAL 9016	✓
RAL Colour (Other)	Option
Additional branding	Option
Anti-graffiti	Option
Interface	
Display	7" Touchscreen display with integrated RFID card reader
Emergency button	✓
Signal column	Option
Communication	
Ethernet	✓
Catalog code	SNP -A010G0000C -9016

SAT 600 HPC



A satellite that provides ultra-fast direct current (DC) charging. It is part of a concept where it is combined with the Power Unit to form a ready-to-use electric vehicle charging system that can be used to create multi-station charging hubs. The design of the unit ensures space efficiency and usability. It is suitable for integration with all charging service providers.

 Expressways
  Charging hubs

 Petrol stations
  Commercial fleet parking lots

 Logistics parks
  Bus depots

Connectors	CCS CCS HPC
Number of outputs	x1
Max. charging current	CCS - 400 A (to 500) CCS HPC - 500 A (to 600)
Charging Hubs - variants with Power Unit	Axon Side 350 Axon Side 400
Metering standard	Eichrecht compliant MID compliant

LED lighting to indicate the charging point status (full 360° visibility)

Panel illumination integrated with functional lighting

Operation via intuitive 10" screen integrated with RFID

Comfortable screen visibility with day/night mode

Weatherproof housing -35 +55°C

Cable Management System with flat arm and braking mechanism, space efficient

Sufficient cable to allow unobstructed access to the vehicle CCS 4,5m (even up to 10m)

Modern front panel integrating multi-functions of the satellite

Remote access, diagnostics and software updates

CCV payment system (Payter, Valina, Ingenico is optional)

Convenient service access

 Modern design
  HUB creation & expansion
  Multi-purpose functions
  Comfort of use for people with limited mobility

SAT 600 HPC

Technical specifications

Configuration	SAT600	SAT600	SAT600	SAT600HPC	SAT600HPC	SAT600HPC
	CCS	CCS	CCS	CCS	CCS	CCS
Communication						
Maximum charging current [A]	400 (up to 500)			500 (up to 600)		
Protocol				IEC 61851-1 IEC 61851-23 IEC 61851-24 ISO 15118 DIN 70121		
Protocol				OCPP 1.6-J OCPP 2.0.1		
General						
Housing	Steel with galvanised coating					
Protection rating				IP 54 IK 10		
Overall dimensions (H x W x D) [mm]	2300 x 800 x 365					
Weight [Kg]	~ 200					
Operating temperature range [°C]				35 / +55 > 40 possible output power limitation		
Operating altitude [m.a.s.l.]	≤2000					
Compliance with standards	CE LVD 2014/35/UE EMC 2014/30/UE RED 2014/53/UE					



SAT 600 HPC

Equipment

Configuration	SAT600	SAT600	SAT600	SAT600HPC	SAT600HPC	SAT600HPC
	CCS	CCS	CCS	CCS	CCS	CCS
Connectors						
DC Connectors	CCS 4,5m		CCS HPC 4,5m			
DC Connectors (option)	CCS up to 10m		CCS up to 8m			
Housing						
RAL Colour 9016 (housing)			✓			
RAL Colour 9004 (front panel)			✓			
RAL Colour (Other)			Option			
Additional branding			Option			
Anti-graffiti			Option			
Interface						
Display 10" with integrated RFID card reader			✓			
LED charging status indication			✓			
Meters						
Output energy meter			✓			
Input energy meter			✓			
Eichrecht compliant	—	✓	—	—	✓	—
MID compliant	—	—	✓	—	—	✓
Payment system						
CCV			✓			
Payter			Option			
Valina			Option			
Ingenico			Option			
Communication						
Optical fiber			✓			
Catalog code	SA6 -A010C1001E -9016	SA6 -A010C1011E -9016	SA6 -A010C1021E -9016	SA6 -A050C1001E -9016	SA6 -A010C1011E -9016	SA6 -A010C1021E -9016