



**S E R V I M A T**

**ELECTRIC VEHICLE CHARGER**

BS7 & BS22 Series

## HIGHLIGHTS

Best in Class Flame  
Retardant 5VA Plastic Housing.

Remote SW update  
via USB or OCPP

Remote Diagnostic  
via OCPP

Dynamic load management  
via Ethernet, WI-FI, RS485 or OCPP



## Main Features

Part	Type	BS7	BS22
Electrical	Power	7.4 kW max	22 kW max
	Voltage	230V AC, 50/60 Hz, 1-Phase	400V AC, 50/60 Hz, 3-Phase
	Current	1 x 32A max	3 x 32A max
	Power Level Control	10-13-16-20-25-30-32A	
	Socket Type	IEC 62196 Type 2 EU	
	Authorization	Built-in RFID Reader (ISO 14443 A/B and ISO 15693)	
	Protection	Built-in DC 6mA RCD function	
	Certification	CE, IEC 61851-1, IEC 61851-22, IEC 60950-1, IEC 60950-22	
Mechanical	Material	PC Plastic, 5VA Flame Retardant	
	Dimension (HxWxD) mm	460x315x135	
	Weight (Net)	4.8 Kg	5.0 Kg
Enviromental	IP Rating	IP54	
	IK Rating	IK08	
	Operating Temperature	-35°C to +55°C	
	Storage Temperature	-40°C to +80°C	
	Humidity	5%-95% Relative Humidity, non-condensing	
	Altitude	0-4000m	

## Optional Features

Part	Option	Type
Connectivity	Ethernet	RJ45 - 10/100 Mbps
	Serial Interface	Modbus / M-Bus over RS485
	Wi-Fi	802.11 a/b/g/n
	LTE	4G/3G/2G
	PLC HLC	ISO 15118
	Network Protocol	OCPP 1.6 JSON
Authorization	Multi-standard RFID	ISO 14443 A/B, ISO 15693, ISO 19092, LEGIC, FeliCA
	NFC	ISO 14443 A/B, ISO 15693, IEC 18092
Protection	Built-in RCCB	Type-A High Immunity
Interface	Shuttered Socket	IEC 62196 Type 2
	Built-in Cable	IEC 62196 Type 1 / Type 2 Tethered Plug
	Display	4.3" TFT LCD Display
	Measurement	Built-in MID Meter
Body	Pole Mount	Rectangular or Oval





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