V-Go EV Charger Datasheet

Version 20241001

Charger Diagram

RFID Reader

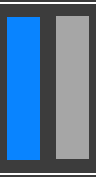
(R7B + R22 only)

Status Light Indicator

Type 2 Socket

Power Cable Inlet

Status Light Indicator

	Description	Meaning
	No light	Power off
	Solid Blue	Standby
	Flashing Blue	Charging Complete Ready to unplug from car
	Solid Green	Connected to car Ready to charge
	Flashing Green	Charging Cable is locked in
	Solid Red	Emergency Stop Button pressed
	Flashing Red	Error encountered Reboot charge point
	Flashing Red + Blue	Internet not connected
	Flashing Red + Green	Updating Firmware Do not Power Off

Technical Specifications

Mechanical Properties	R7A	R7B	R22
Weight	5.4kg	5.5kg	6.3kg
Dimensions	405 * 245 * 80 mm		
Colour	Grey		
Case Material	Sheet metal		
Socket Type	Type 2		
Wall or Pole Mount	Both		
IP Protection Rating	IP54		
Impact Protection Rating	IK08		
Working Temperature	-25 °C ~ +50 °C		
Status Light Indicator	Yes		
Tamper Proofing	Yes		

Electrical Properties	R7A	R7B	R22
Rated Power	7.4 kW		22kW
Power Supply	1Ph + N + PE (L1, N, PE)		3Ph + N + PE (L1, L2, L3, N, PE)
Input Voltage	230V ± 10%		400V ± 10%
Frequency	50/60Hz		
Maximum Output Current	32A		
PEN Fault Protection	Yes		
RCD	Type A + DC6mA		

Technical Specifications

Electronic Properties	R7A	R7B	R22
System Operation	App	App or RFID	
4G	No	Yes	
Energy Meter	Yes (on-board)	Yes (MID)	
Dynamic load Management	Yes, via PLC		
WiFi	Yes		
WiFi Security	WEP, WPA, WPA2 or Open Wi-Fi		
Ethernet	Yes		
Theft Proof	Yes		

Connectivity

Data Communication:	4G plug and play internet connection *(Models R7B and R22 only)*
Data Subscription:	1 Year Free 4G Subscription *(Models R7B and R22 only)*
WiFi Connectivity:	Configured via Web User Interface (No App Download)
Wireless Interface:	RFID Reader *(Models R7B and R22 only)*
Ethernet:	RJ45 Input

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For more information on the products, and detailed User Manual, please visit:

www.vgoenergy.com

www.verveconnect.co.uk

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