

Modbus registers list from firmware 2.5.1

Gdańsk, 10 maj 2023

Registers	Accessi- bility (R/RW)	Category	Description	Step size and unit	Data type	Details or example response
100-109	R	Unit information	Manufacturer name	N/A	STRING	Enelion
110-119	R	Unit information	Serial number	N/A	STRING	221C-0453
120-144	R	Unit information	Model number	N/A	STRING	LH-32-3-S-0-C-50-0-00
145	R	Unit information	Connector type	N/A	UINT16	0: Socket, 1: Cable
146	R	Unit information	Built in lock	N/A	UINT16	0: No, 1: Yes
147-155	R	Unit information	Software version	N/A	STRING	2.1.0
158	R	Unit information	Temperature	0.1°C	INT16	236 (23.6°C)
159	R	Unit information	Humidity	0.1%	UINT16	505 (50.5%)
160	R	Charging information	Connector state	N/A	UINT16	0: Available 1: Cable connected 2: EV connected 3: Charging 4: SuspendedEV 5: SuspendedEVSE 6: Reserved 7: Unavailable 8: Faulted
161-162	R	Charging information	Energy transferred during current session	1 Wh	UINT32	14596
163-164	R	Charging information	Current charging session duration	1 second	UINT32	3600 (1 hour)
165	RW	Transaction management	Transaction Active	N/A	UINT16	0: Stop Transaction, 1: Start Transaction
168	R	EV information	EV state of charge	1 %	UINT16	50 [not used, 0 by default]
169	R	EV information	EV battery capacity	0.1 kWh	UINT16	825 (82.5 kWh) [not used, 0 by default]
170	RW	Charging power settings	Numer of phases used	N/A	UINT16	1: 1 phase, 3: 3 phases
171	RW	Charging power settings	Current limit per phase	1 A	UINT16	16
175	R	DLB data	DLB power offered	0.1 kW	UINT16	440 (44.0 kW)
176	RW	DLB data	DLB circuit current limit	1 A	UINT16	500
180	R	Meter data	Voltage on L1	0.1 V	UINT16	2301 (230.1 V)

181	R	Meter data	Voltage on L2	0.1 V	UINT16	2301 (230.1 V)
182	R	Meter data	Voltage on L3	0.1 V	UINT16	2301 (230.1 V)
183	R	Meter data	Current on L1	0.1 A	UINT16	164 (16.4 A)
184	R	Meter data	Current on L2	0.1 A	UINT16	164 (16.4 A)
185	R	Meter data	Current on L3	0.1 A	UINT16	164 (16.4 A)
190	R	OCPP data	OCPP connected	N/A	UINT16	0: Not connected, 1: Connected
191	R	OCPP data	OCPP accepted by the backend	N/A	UINT16	0: Not accepted, 1: Accepted
192	R	OCPP data	Number of connectors	1 unit	UINT16	10