

openWB Modbus Rev2.0

Port: 1502, Slave ID: 1, Read input registers; To keep the Heartbeat alive, a read must be performed every 80s.

Register	Format	Read / Write	Value	Notes	Product (1=series2 2=Pro 3=both)
10100	sint32	Read	LP 1 Actual Power	Watt	3
10102	sint32	Read	LP 1 Wh Imported Counter	Wh Charged	3
10104	sint16	Read	LP 1 Phase 1 Voltage	Voltage / 100	3
10105	sint16	Read	LP 1 Phase 2 Voltage	Voltage / 100	3
10106	sint16	Read	LP 1 Phase 3 Voltage	Voltage / 100	3
10107	sint16	Read	LP 1 Phase 1 Ampere	Ampere / 100	3
10108	sint16	Read	LP 1 Phase 2 Ampere	Ampere / 100	3
10109	sint16	Read	LP 1 Phase 3 Ampere	Ampere / 100	3
10114	sint16	Read	LP 1 Plugged Status	0 = no, 1 = yes	3
10115	sint16	Read	LP 1 Charging Active	0 = no, 1 = yes	3
10116	sint16	Read	LP 1 Actual A Configured	0 = no charging allowed, 6-32 A, 600-3200 / 100 A	3
10120	sint16	Read	LP 1 SoC	%, if available the SoC before start charging	2
10121	sint32	Read	LP 1 SoC Timestamp	Timestamp when the SoC has been retrieved	2
10130	sint16	Read	LP1 Phase 1 Watt	Watt	3
10131	sint16	Read	LP1 Phase 2 Watt	Watt	3
10132	sint16	Read	LP1 Phase 3 Watt	Watt	3
10140	sint16	Read	LP 1 V2G Ready	0 = Vehicle can't do V2G, 1 = Vehicle is ready for V2G	2
10141	sint32	Read	LP 1 Wh Exported Counter	Wh discharged	2
10143	sint16	Read	Type of Hardware	1 = series2, 2 = Pro	3
10150	String	Read	Serial Number of Chargepoint	String in ASCII, 2 characters each register, up to 20 characters ( 10150-10159)	3
10160	String	Read	RFID Tag	RFID Tag ASCII, 2 characters each register, up to 20 characters ( 10160-10169)	3
10171	sint16	Write	Current LP 1	Value in A * 100 (0, 600-3200)	3
10180	sint16	Write	Phase Target	Trigger phase Switch, 1 = one Phase or 3 = three Phase	3
10181	sint16	Write	Trigger Phase switching	1 = trigger Phase switching	1
10190	sint16	Write	Heartbeat	Configure Heartbeat, 0 = deactivated or 1 = activated. If heartbeat is enabled every read through modbus resets the heartbeat counter. If the counter is above 60 seconds the charging (if active) will be stopped.	3
10198	sint16	Write	Trigger CP interrupt	Value in seconds triggers CP interruptions	1
10199	sint16	Write	Force Update	Force Update of the Chargepoint, 1 = triggers Update. After the Update a reboot will be performed.	2
10200 ++				LP2 same as 101xx for LP1	
<b>Notes:</b>	Writeable registers are not readable. Return value of -1 means normally illegal value gathered from openWB.				

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