JUICE CHARGER me

Modbus register table

Reg. Type	Address	Name	R/W	Nr. Regs.	Description
Holding	100	Firmware Version	R	2	Returns the Application version number (example: 0.91 = {0x30, 0x2E, 0x39, 0x31) 4.40 = {0x34, 0x2E, 0x34, 0x34}).
Holding	104	OCPP CP Status	R	1	Charge Point status according to the OCPP spec. enumaration
Holding	105	Error Codes 1	R	2	Aggregated error states (see Spec. sheet for mask mappings)
Holding	107	Error Codes 2	R	2	Aggregated error states (see Spec. sheet for mask mappings)
Holding	109	Error Codes 3	R	2	Aggregated error states (see Spec. sheet for mask mappings)
Holding	111	Error Codes 4	R	2	Aggregated error states (see Spec. sheet for mask mappings)
Holding	120	Protocol Version	R	2	Modbus TCP Server Protocol Version number (example: 0.6 = {0x30, 0x2E, 0x36}).
Holding	122	Vehicle (Control Pilot) state	R	1	A=1, B=2, C=3, D=4, E=5
Holding	123	Vehicle (Control Pilot) state in Hex. format	R	1	A = 0x0A, B = 0x0B, etc.
Holding	124	Charge Point availability	R/W	1	Get/Set available/unavailable
Holding	131	Safe Current (Amps.)	R/W	1	Max. charge current under communication failure
Holding	132	Comm. Timeout (seconds)	R/W	1	Communication timeout
Holding	133	Hardware current limit	R	1	
Holding	134	Operator current limit	R	1	
Holding	135	RCMB Mode	R	1	
Holding	136	RCMB Last RMS value (integral part)	R	1	
Holding	137	RCMB Last RMS value (fractional part)	R	1	
Holding	138	RCMB Last DC value (integral part)	R	1	
Holding	139	RCMB Last DC value (fractional part)	R	1	
Holding	140	Relays State	R	1	
Holding	141	Device ID	R	1	This register is a device identifier and always returns the value 0xEBEE (decimal 60398)
Holding	142	ChargePoint Model	R	2	ChargePoint Model. Bytes 0 to 3.
Holding	144	ChargePoint Model	R	2	ChargePoint Model. Bytes 4 to 7.
Holding	146	ChargePoint Model	R	2	ChargePoint Model. Bytes 8 to 11.
Holding	148	ChargePoint Model	R	2	ChargePoint Model. Bytes 12 to 15.
Holding	150	ChargePoint Model	R	2	ChargePoint Model. Bytes 16 to 19.
Holding	152	Plug lock detect	R	1	Status of plug lock detection
Holding	200	Energy L1	R	2	Energy in Wh. (phase 1) from primary meter
Holding	202	Energy L2	R	2	Energy in Wh. (phase 2) from primary meter
Holding	204	Energy L3	R	2	Energy in Wh. (phase 3) from primary meter
Holding	206	Power L1	R	2	Power in W (phase 1) from primary meter
Holding	208	Power L2	R	2	Power in W (phase 2) from primary meter

Reg. Type	Address	Name	R/W	Nr. Regs.	Description
Holding	210	Power L3	R	2	Power in W (phase 3) from primary meter
Holding	212	Current L1	R	2	Current in mA (phase 1) from primary meter
Holding	214	Current L2	R	2	Current in mA (phase 2) from primary meter
Holding	216	Current L3	R	2	Current in mA (phase 3) from primary meter
Holding	218	Total Energy	R	2	Total Energy in Wh. from primary meter
Holding	220	Total Power	R	2	Total Power in Wh. from primary meter
Holding	222	Voltage L1	R	2	Returns the voltage of phase 1 of the ocpp meter in V.
Holding	224	Voltage L2	R	2	Returns the voltage of phase 2 of the ocpp meter in V.
Holding	226	Voltage L3	R	2	Returns the voltage of phase 3 of the ocpp meter in V.
Holding	600	DLM Mode	R	1	Indicates the DLM mode configured for this device.
Holding	610	DLM EVSE Sub-distribution Limit L1	R	1	Overall current limit for DLM available for EVs
Holding	611	DLM EVSE Sub-distribution Limit L2	R	1	Overall current limit for DLM available for EVs
Holding	612	DLM EVSE Sub-distribution Limit L3	R	1	Overall current limit for DLM available for EVs
Holding	**613**	**DLM Operator EVSE Sub-distribution Limit L1**	**R/W**	**1**	**Operator current limit for DLM available for distribution to EVs**
Holding	**614**	**DLM Operator EVSE Sub-distribution Limit L2**	**R/W**	**1**	**Operator current limit for DLM available for distribution to EVs**
Holding	**615**	**DLM Operator EVSE Sub-distribution Limit L3**	**R/W**	**1**	**Operator current limit for DLM available for distribution to EVs**
Holding	620	DLM External Meter support	R	1	Value of this register is 1 when External Meter is enabled, 0 when disabled
Holding	621	DLM Number of Slaves connected	R	1	The number of DLM Slaves connected to this Master device
Holding	630	DLM Overall Current applied L1	R	1	Overall Current (A) the DLM Master is currently applying (sum of current distributed among the slaves)
Holding	631	DLM Overall Current applied L2	R	1	Overall Current (A) the DLM Master is currently applying (sum of current distributed among the slaves)
Holding	632	DLM Overall Current applied L3	R	1	Overall Current (A) the DLM Master is currently applying (sum of current distributed among the slaves)
Holding	633	DLM Overall Current available L1	R	1	Overall Current (A) the DLM Master has available to distribute among the slaves
Holding	634	DLM Overall Current available L2	R	1	Overall Current (A) the DLM Master has available to distribute among the slaves
Holding	635	DLM Overall Current available L3	R	1	Overall Current (A) the DLM Master has available to distribute among the slaves
Holding	701	Scheduled Time (hhmmss)	R	2	Scheduled departure time (format is `hhmmss` in big-endian packed BCD with left zero padding) – 15118 only
Holding	703	Scheduled Date (yymmdd)	R	2	Scheduled departure time (format is `ddmmyy` in big-endian packed BCD with left zero padding) – 15118 only
Holding	706	Signaled Current	R	1	The maximum current that's being signaled to the EV for charging
Holding	707	Start Time (hhmmss)	R	2	Start time of charging process
Holding	710	End Time (hhmmss)	R	2	End time of charging process

Reg. Type	Address	Name	R/W	Nr. Regs.	Description
Holding	712	Minimum current limit	R	1	Minimum current limit for charging
Holding	713	EV Required Energy (Wh)	R	2	Returns the amount of energy in Wh required by the EV
Holding	715	Max. Current EV	R	1	This is the maximum current with which the EV can charge
Holding	716	Charged Energy	R	2	Sum of charged energy for the current session (Wh)
Holding	718	Charging Duration (seconds)	R	2	Duration since beginning of charge
Holding	720	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 0 to 3.
Holding	722	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 4 to 7.
Holding	724	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 8 to 11.
Holding	726	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 12 to 15.
Holding	728	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 16 to 19.
Holding	740	15118 Smart vehicle detected	R	1	Returns 1 if an EV currently connected is a smart vehicle, or 0 if no EV connected or it is not a smart vehicle
Holding	741	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values corresponding to the EVCCID. Bytes 0 to 3.
Holding	743	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values corresponding to the EVCCID. Bytes 4 to 7.
Holding	745	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values corresponding to the EVCCID. Bytes 8 to 11.
Holding	1000	Hems Current Limit (A)	R/W	1	Current limit of the HEMS module in Amps
Holding	1110	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 0 to 3.
Holding	1112	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 4 to 7.
Holding	1114	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 8 to 11.
Holding	1116	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 12 to 15.
Holding	1118	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 16 to 19.