

Master dev.	Reg. Type	Address	Name	R/W	Nr. Regs.	Description	Type	Unit
TQ- DM100	Holding	1000	Charge Point State	R	1	State of the charging device 0: No vehicle attached 1: Vehicle attached, no permission 2: charging authorized 3: charging 4: charging paused 5: charge successful (car still attached) 6: charging stopped by user (car still attached) 7: charging error (car still attached) 8: charging station reserved (Nor car attached) 9: user not authorized (car attached)	UINT 16	
TQ- DM100	Holding	1001	Charge State	R	1	Charging	UINT 16	
TQ- DM100	Holding	1002	EVSE State	R	1	State of the charging station 0: starting 1: running 2: error	UINT 16	
TQ- DM100	Holding	1004	Cable State	R	1	State of the charging cable 0: No cable attached 1: Cable attached (no car attached) 2: Cable attached (car attached) 3: Cable attached (car attached) + lock active	UINT 16	
TQ- DM100	Holding	1006	EVSE Error Code	R	1	Error code of the charging station 0: no error 1+: error code	UINT 16	
TQ- DM100	Holding	1008	Current L1	R	1	Charging current L1	UINT 16	mA
TQ- DM100	Holding	1010	Current L2	R	1	Charging current L2	UINT 16	mA
TQ- DM100	Holding	1012	Current L3	R	1	Charging current L3	UINT 16	mA
TQ- DM100	Holding	1020+1021	Active Power	R	2	Electric Power that can be changed to f.e. mechanical, chemical, thermic power	UINT 32	W
TQ- DM100	Holding	1024+1025	Active Power L1	R	2	Active power L1	UINT 32	W
TQ- DM100	Holding	1028+1029	Active Power L2	R	2	Active power L2	UINT 32	W
TQ- DM100	Holding	1032+1033	Active Power L3	R	2	Active power L3	UINT 32	W
TQ- DM100	Holding	1036+1037	Energy meter	R	2	Meter reading of the charging station	UINT 32	0.1 kWh
TQ- DM100	Holding	1100	Max current	R	1	Maximal charging current of the hardware (EVSE, cable, EV)	UINT 16	0.1 A
TQ- DM100	Holding	1102	Minimum current limit	R	1	Minimal charging current of the hardware (EVSE, cable, EV)	UINT 16	0.1 A

TQ-DM100	Holding	1104	Max. Current from EVSE	R	1	Maximal charging current of the charging station	UINT 16	0.1 A
TQ-DM100	Holding	1106	Max. Current from Cable	R	1	Maximal charging current of the cable	UINT 16	0.1 A
TQ-DM100	Holding	1108	Max. Current from EV	R	1	Maximal charging current of the EV	UINT 16	0.1 A
TQ- DM100	Holding	1200	User priority	R	1	Priorities of the user 0: not defined 1: high priority ... 10: low priority	UINT 16	
TQ-DM100	Holding	1300	EV Battery State (% 0-100)	R	1	Returns an estimate of the SoC	UINT 16	%
TQ-DM100	Holding	1302+1303	EV Battery Capacity (Wh)	R	2	Returns an estimate of the EV Battery Capacity	UINT 32	Wh
TQ- DM100	Holding	1400	Schedule Type	R	1	Type/information of traveling 0: energy that has to be charged 1: Specification of the desired battery charge (Needs: state of the battery)	UINT 16	
TQ- DM100	Holding	1402+1403	Required Energy (Wh)	R	2	Desired energy	UINT 32	Wh
TQ-DM100	Holding	1406	Required Battery State (% 0-100)	R	1	Desired state of the battery	UINT 16	%
TQ-DM100	Holding	1408+1409	Scheduled Time (hhmmss)	R	2	Departure time	UINT 32	Hhmm ss
TQ- DM100	Holding	1412+1413	Scheduled Date (yymmdd)	R	2	Departure date	UINT 32	Yymm dd
TQ-DM100	Holding	1502	Charged Energy (Wh)	R	1	Sum of charged energy for the current session	UINT 16	Wh
TQ-DM100	Holding	1504+1505	Start Time (hhmmss)	R	2	Start time of charging process	UINT 32	hhmm ss
TQ- DM100	Holding	1508+1509	Charging Time (seconds)	R	2	Duration since beginning of charge	UINT 32	s
TQ-DM100	Holding	1512+1513	End Time (hhmmss)	R	2	End time of charging process	UINT 32	hhmm ss
TQ- DM100	Holding	1600	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 0 to 3.		
TQ- DM100	Holding	1602	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 4 to 7.		
TQ- DM100	Holding	1604	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 8 to 11.		
TQ- DM100	Holding	1606	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 12 to 15.		
TQ- DM100	Holding	1608	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 16 to 19.		
TQ- DM100	Holding	1620	15118 Smart vehicle detected	R	2	Returns 1 if an EV currently connected is a smart vehicle, or 0 if no EV connected or it is not a smart vehicle		
TQ- DM100	Holding	2000	safeCurrent	R/W	1	Max. charge current under communication failure	UINT 16	A
TQ-DM100	Holding	2002	comTimeout	R/W	1	Communication timeout	UINT 16	S

TQ-DM100	Holding	5000+5001	Charge Power	W	2	Charge power	UINT 32	W
TQ-DM100	Holding	5004	Charge Current	W	1	Charge current	UINT 16	A
TQ- DM100	Holding	6000	Life Bit	R/W	1	Communication monitoring 0/1 Toggle-Bit EM writes 1, Live deletes it and puts it on 0.	UINT 16	
Phoenix	Input	100	EV Status	R	1	Returns the Control Pilot state	UINT 16	
Phoenix	Input	101	Proximity Current	R	1	Returns signaled current in Amps	UINT 16	A
Phoenix	Input	102	Charging Time (seconds)	R	2	Duration since beginning of charge	UINT 32	s
Phoenix	Input	104	Legacy	R	1	Do not use.	UINT 16	
Phoenix	Input	105	Firmware Version	R	2	Returns the Ebee Application version number (example: 0.91 = {0x30, 0x2E, 0x39, 0x31} 5.11 = {0x35, 0x2E, 0x31, 0x31})	UINT 32	
Phoenix	Input	107	Legacy	R	1	Do not use.	UINT 16	
Phoenix	Input	108	Voltage L1	R	2	Returns the voltage of phase 1 of the ocpp meter in V.	UINT 32	V
Phoenix	Input	110	Voltage L2	R	2	Returns the voltage of phase 2 of the ocpp meter in V.	UINT 32	V
Phoenix	Input	112	Voltage L3	R	2	Returns the voltage of phase 3 of the ocpp meter in V.	UINT 32	V
Phoenix	Input	114	Current L1	R	2	Returns the current of phase 1 of the ocpp meter in mA.	UINT 32	mA
Phoenix	Input	116	Current L2	R	2	Returns the current of phase 2 of the ocpp meter in mA.	UINT 32	mA
Phoenix	Input	118	Current L3	R	2	Returns the current of phase 3 of the ocpp meter in mA.	UINT 32	mA
Phoenix	Input	120	Total Power (OCPP Meter Power)	R	2	Returns the power read from the ocpp meter in W.	UINT 32	W
Phoenix	Input	122	Reactive Power	R	2		UINT 32	
Phoenix	Input	124	Real Power	R	2		UINT 32	
Phoenix	Input	126	Power Factor	R	2		UINT 32	
Phoenix	Input	128	Energy	R	2	Energy read from meter in Wh	UINT 32	Wh
Phoenix	Input	130	Max. power ever seen from OCPP Meter	R	2	Max. power value ever seen since boot	UINT 32	
Phoenix	Input	132	Charged Energy (Wh)	R	2	Sum of charged energy for the current session	UINT 32	Wh
Phoenix	Input	134	Grid Frequency	R	2	Returns the frequency read from the ocpp meter in Hz.	UINT 32	Hz
Phoenix	Input	136	Assumed Maximum	R	2		UINT 32	
			Charging Current L1					

Phoenix	Input	138	Assumed Maximum Charging Current L2	R	2		UINT 32	
Phoenix	Input	140	Assumed Maximum Charging Current L3	R	2		UINT 32	
Phoenix	Input	200	Input values	R	1		UINT 16	
Phoenix	Input	201	-	R	1	-		
Phoenix	Input	202	Plug lock detect	R	1	Status of plug lock detection	UINT 16	
Phoenix	Holding	310	IP Address - 1st Octet	R	1	Get the IP address of the active interface connected to the backend.	UINT 16	
Phoenix	Holding	311	IP Address - 2nd Octet	R	1	Get the IP address of the active interface connected to the backend.	UINT 16	
Phoenix	Holding	312	IP Address - 3rd Octet	R	1	Get the IP address of the active interface connected to the backend.	UINT 16	
Phoenix	Holding	313	IP Address - 4th Octet	R	1	Get the IP address of the active interface connected to the backend.	UINT 16	
Walther	Holding	1100	User ID	R	2	Read user ID (OCPP IdTag) from the current session. Bytes 0 to 3.	UINT 32	
Walther	Holding	1102	User ID	R	2	Read user ID (OCPP IdTag) from the current session. Bytes 4 to 7.	UINT 32	
Walther	Holding	1104	User ID	R	2	Read user ID (OCPP IdTag) from the current session. Bytes 8 to 11.	UINT 32	
Walther	Holding	1106	User ID	R	2	Read user ID (OCPP IdTag) from the current session. Bytes 12 to 15.	UINT 32	
Walther	Holding	1108	User ID	R	2	Read user ID (OCPP IdTag) from the current session. Bytes 16 to 19.	UINT 32	
Walther	Holding	1110	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 0 to 3.	UINT 32	
Walther	Holding	1112	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 4 to 7.	UINT 32	
Walther	Holding	1114	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 8 to 11.	UINT 32	
Walther	Holding	1116	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 12 to 15.	UINT 32	
Walther	Holding	1118	User ID	W	2	Write user ID (OCPP IdTag) for the current session. Bytes 16 to 19.	UINT 32	
Walther	Holding	1130	EV Status	R	1	Returns the Control Pilot state in hex values (A = 0x0A, B = 0x0B, etc.)	UINT 16	
Ebee	Holding	100	Firmware Version	R	2	Returns the Ebee Application version number (example: 0.91 = {0x30, 0x2E, 0x39, 0x31} 5.11 = {0x35, 0x2E, 0x31, 0x31}).	UINT 32	

Ebee	Holding	104	OCPP CP Status	R	1	Charge Point status according to the OCPP spec. enumeration	UINT 16	
Ebee	Holding	105	Error Codes 1	R	2	Aggregated error states (see Spec. sheet for mask mappings)	UINT 32	
Ebee	Holding	107	Error Codes 2	R	2	Aggregated error states (see Spec. sheet for mask mappings)	UINT 32	
Ebee	Holding	109	Error Codes 3	R	2	Aggregated error states (see Spec. sheet for mask mappings)	UINT 32	
Ebee	Holding	111	Error Codes 4	R	2	Aggregated error states (see Spec. sheet for mask mappings)	UINT 32	
Ebee	Holding	120	Protocol Version	R	2	Ebee Modbus Slave Protocol Version number (example: 0.6 = {0x30, 0x2E, 0x36}).	UINT 32	
Ebee	Holding	122	Vehicle (Control Pilot) state	R	1	A=1, B=2, C=3, D=4, E=5	UINT 16	
Ebee	Holding	124	Charge Point availability	R/W	1	Get/Set available/unavailable	UINT 16	
Ebee	Holding	131	Safe Current (Amps.)	R/W	1	Max. charge current under communication failure	UINT 16	A
Ebee	Holding	132	Comm. Timeout (seconds)	R/W	1	Communication timeout	UINT 16	s
Ebee	Holding	200	Energy L1	R	2	Energy in Wh. (phase 1) from primary meter	UINT 32	Wh
Ebee	Holding	202	Energy L2	R	2	Energy in Wh. (phase 2) from primary meter	UINT 32	Wh
Ebee	Holding	204	Energy L3	R	2	Energy in Wh. (phase 3) from primary meter	UINT 32	Wh
Ebee	Holding	212	Current L1	R	2	Current in mA (phase 1) from primary meter	UINT 32	mA
Ebee	Holding	214	Current L2	R	2	Current in mA (phase 2) from primary meter	UINT 32	mA
Ebee	Holding	216	Current L3	R	2	Current in mA (phase 3) from primary meter	UINT 32	mA
Ebee	Holding	500	(Reserved)	R	1			
Ebee	Holding	501	(Reserved)	R	1			
Ebee	Holding	502	(Reserved)	R	1			
Ebee	Holding	503	(Reserved)	R	1			
Ebee	Holding	504	(Reserved)	R	1			
Ebee	Holding	505	(Reserved)	R	1			
Ebee	Holding	506	(Reserved)	R	1			
Ebee	Holding	507	(Reserved)	R	1			
Ebee	Holding	508	(Reserved)	R	1			
Ebee	Holding	509	(Reserved)	R	1			
Ebee	Holding	600	DLM Mode	R	1	Indicates the DLM mode configured for this device.	UINT 16	
Ebee	Holding	610	DLM EVSE Sub-distribution Limit L1	R	1	Overall current limit for DLM available for EVs	UINT 16	A
Ebee	Holding	611	DLM EVSE Sub-distribution Limit L2	R	1	Overall current limit for DLM available for EVs	UINT 16	A
Ebee	Holding	612	DLM EVSE Sub-distribution Limit L3	R	1	Overall current limit for DLM available for EVs	UINT 16	A
Ebee	Holding	613	DLM Operator EVSE Sub-distribution Limit L1	R/W	1	Operator current limit for DLM available for distribution to EVs	UINT 16	A

Ebee	Holding	614	DLM Operator EVSE Sub-distribution Limit L2	R/W	1	Operator current limit for DLM available for distribution to EVs	UINT 16	A
Ebee	Holding	615	DLM Operator EVSE Sub-distribution Limit L3	R/W	1	Operator current limit for DLM available for distribution to EVs	UINT 16	A
Ebee	Holding	620	DLM External Meter support	R	1	Value of this register is 1 when External Meter is enabled, 0 when disabled	UINT 16	
Ebee	Holding	621	DLM Number of Slaves connected	R	1	The number of DLM Slaves connected to this Master device	UINT 16	
Ebee	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)	UINT 16	A
Ebee	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)	UINT 16	A
Ebee	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)	UINT 16	A
Ebee	Holding	633	DLM Overall Current available L1	R	1	Overall Current (A) the DLM Master has available to distribute among the slaves	UINT 16	A
Ebee	Holding	634	DLM Overall Current available L2	R	1	Overall Current (A) the DLM Master has available to distribute among the slaves	UINT 16	A
Ebee	Holding	635	DLM Overall Current available L3	R	1	Overall Current (A) the DLM Master has available to distribute among the slaves	UINT 16	A
Ebee	Holding	700	EV Required Energy (Wh)	R	2	Returns the amount of energy in Wh required by the EV	UINT 32	Wh
Ebee	Holding	701	Scheduled Time (hhmmss)	R	2	Scheduled departure time (format is `hhmmss` in big-endian packed BCD with left zero padding) – 15118 only	UINT 32	hhmmss
Ebee	Holding	703	Scheduled Date (yyymmdd)	R	2	Scheduled departure time (format is `ddmmyy` in big-endian packed BCD with left zero padding) – 15118 only	UINT 32	
Ebee	Holding	705	Charged Energy	R	1	Sum of charged energy for the current session (Wh)	UINT 16	Wh
Ebee	Holding	706	Signaled Current	R	1	The maximum current that's being signaled to the EV for charging	UINT 16	A
Ebee	Holding	707	Start Time (hhmmss)	R	2	Start time of charging process	UINT 32	hhmmss
Ebee	Holding	709	Charging Duration (seconds)	R	2	Duration since beginning of charge	UINT 32	s
Ebee	Holding	710	End Time (hhmmss)	R	2	End time of charging process	UINT 32	hhmmss

Ebee	Holding	720	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 0 to 3.	UINT 32	
Ebee	Holding	722	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 4 to 7.	UINT 32	
Ebee	Holding	724	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 8 to 11.	UINT 32	
Ebee	Holding	726	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 12 to 15.	UINT 32	
Ebee	Holding	728	User ID	R	2	User ID (OCPP IdTag) from the current session. Bytes 16 to 19.	UINT 32	
Ebee	Holding	740	15118 Smart vehicle detected	R	2	Returns 1 if an EV currently connected is a smart vehicle, or 0 if no EV connected or it is not a smart vehicle	UINT 32	
Ebee	Holding	741	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values corresponding to the EVCCID. Bytes 0 to 3.	UINT 32	
Ebee	Holding	743	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values corresponding to the EVCCID. Bytes 4 to 7.	UINT 32	
Ebee	Holding	745	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values corresponding to the EVCCID. Bytes 8 to 11.	UINT 32	
Ebee	Holding	1000	Hems Current Limit (A)	R/W	1	Current limit of the HEMS module in Amps	UINT 16	A
ISE/IGT Kassel	Holding	1	Firmware Version		1	Expressed as an integer, examples: 11 -> FW V1.1; 510 -> 5.10	UINT 16	
ISE/IGT Kassel	Holding	2	KFZ-Mode (vehicle state) A,B,C,D	R	1	1=A, 2=B (eingesteckt), 3/4=Charge	UINT 16	
ISE/IGT Kassel	Holding	3	Charge current		1	Charging current in Amps. from 6 to 32.	UINT 16	A
ISE/IGT Kassel	Holding	4	Charge Point availability	R/W	1	Get/Set available/unavailable	UINT 16	
ISE/IGT Kassel	Holding	5	Modbus Address	R/W	1	An address between from 10 to 254. Default is 10.	UINT 16	
ISE/IGT Kassel	Holding	6	Default/Start Charge current		1	Default/Start charging current in Amps. from 6 to 32.	UINT 16	A