EL 9000 T/DT register list for devices with KE firmware from V3.06 (check the installed version in your device's MENU in item INFO HW, SW)

ModBus address (dec)	ModBus address (hex)	Read coils (0x01)	Read holding registers (0x03)	Write single coil (0x05)	Write single register (0x06)	Write multiple registers (0x10)	Description	Access	Data type	Data length in bytes	Number of registers	Data	Example or description
0	0x0000		x				Device class	R	uint(16)	2	1		44 = EL 9000 DT series, 51 = EL 9000 T series
1	0x0001		x				Device type	R	char	40	20	ASCII	EL 9080-60 DT
21	0x0015		x				Manufacturer	R	char	40	20	ASCII	
41	0x0029		x				Manufacturer address	R	char	40	20	ASCII	
61	0x003D		x				Manufacturer ZIP code	R	char	40	20	ASCII	
81	0x0051		x				Manufacterer phone number	R	char	40	20	ASCII	
101	0x0065		x				Manufacturer website	R	char	40	20	ASCII	
121	0x0079		x				Nominal voltage	R	float	4	2	Floating point number IEEE754	80
123	0x007B		x				Nominal current	R	float	4	2	Floating point number IEEE754	60
125	0x007D		x				Nominal power	R	float	4	2	Floating point number IEEE754	1200
127	0x007F		x				Max. Internal resistance	R	float	4	2	Floating point number IEEE754	30
129	0x0081		x				Min. Internal resistance	R	float	4	2	Floating point number IEEE754	0.09
131	0x0083		x				Article no.	R	char	40	20	ASCII	33210506
151	0x0097		x				Serial no.	R	char	40	20	ASCII	1234567890
171	0x00AB		x			x	User text	RW	char	40	20	ASCII	
191	0x00BF		x				Firmware version (KE)	R	char	40	20	ASCII	V3.02 16.08.2016
211	0x00D3		x				Firmware version (HMI)	R	char	40	20	ASCII	V2.08 22.09.2016
231	0x00E7		x				Firmware version (DR)	R	char	40	20	ASCII	V1.0.4.1 30.06.2016
402	0x0192	x		x			Remote mode	RW	uint(16)	2	1	Coils : Remote	0x0000 = off; 0xFF00 = on
405	0x0195	x		x			DC input	RW	uint(16)	2	1	Coils : Output/input	0x0000 = off; 0xFF00 = on
407	0x0197	x		x			Condition of DC input after PF alarm	RW	uint(16)	2	1	Coils : Condition	0x0000 = off; 0xFF00 = auto
408	0x0198		x		x		Condition of DC input after power ON	RW	uint(16)	2	1	Reg : Condition	0xFFFF = off; 0xFFFE = Restore
409	0x0199	x		x			Operation mode (UIP/UIR)	RW	uint(16)	2	1	Coils : Operation mode	0x0000 = UIP; 0xFF00 = UIR
410	0x019A	x		x			Restart of the device (warm start)	W	uint(16)	2	1	Coils : Restart	0xFF00 = execute
411	0x019B	x		x			Acknowledge alarms	W	uint(16)	2	1	Coils : Alarms	0xFF00 = acknowledge
416	0x01A0	x		x			Analog interface: Reference voltage (pin VREF)	RW	uint(16)	2	1	Coils : VREF	0x0000 = 10V; 0xFF00 = 5V
417	0x01A1	x		x			Analog interface: REM-SB level	RW	uint(16)	2	1	Coils : REM-SB Level	0x0000 = normal; 0xFF00 = inverted
418	0x01A2	x		x			Analog interface: REM-SB action	RW	uint(16)	2	1	Coils : REM-SB Action	0x0000 = DC off; 0xFF00 = DC on/off
422	0x01A6	x		x			Speed of internal voltage controller	RW	uint(16)	2	1	Coils : Controller speed	0x0000 = Slow; 0xFF00 = Fast
425	0x01A9	x		x			Condition of DC input after leaving remote	RW	uint(16)	2	1	Coils : Condition	0x0000 = off; 0xFF00 = auto
440	0x01B8		x		x		Analog interface: Pin 14 configuration	RW	uint(16)	2	1	Reg: Alarms 1	0x0000 = OVP (default); 0x0001 = OCP; 0x0002 = OPP; 0x0003 = OVP + OCP; 0x0004 = OVP + OPP; 0x0005 = OCP + OPP; 0x0006 = OVP + OCP + OPP
441	0x01B9		x		x		Analog interface: Pin 6 configuration	RW	uint(16)	2	1	Reg: Alarms 2	0x0000 = OT + PF (default); 0x0001 = OT; 0x0002 = PF
442	0x01BA		x		x		Analog interface: Pin 15 configuration	RW	uint(16)	2	1	Reg: Status DC	0x0000 = CV; 0x0001 = DC on/off
500	0x01F4		x		x		Set voltage value	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
501	0x01F5		x		x		Set current value	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Current value (for translation see programming guide)
502	0x01F6		x		x		Set power value	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Power value (for translation see programming guide)
503	0x01F7		x		x		Set resistance value	RW	uint(16)	2	1	minimum - 0xD0E5 (x - 102%)	Resistance value (the minimum value varies from model to model and can be calculated from the technical specification in the manual)
505	0x01F9		x				Device state	R	uint(32)	4	2	Bit 0- 4: Control location	0x00 = free; 0x01 = local; 0x02 = remote; 0x03 = USB; 0x04 = analog; 0x06 = Ethernet
												Bit 7 : DC input state	0 = off; 1 = on
												Bit 9-10 : Regulation mode	00 = CV; 01 = CR; 10 = CC; 11 = CP
												Bit 11 : Remote	0 = off; 1 = on
												Bit 13 : Function generator	0 = stopped ; 1 = running
												Bit 14 : Remote sensing	0 = off; 1 = on
												Bit 15 : Alarms	0 = none; 1 = active
												Bit 16 : OVP	0 = none; 1 = active
												Bit 17 : OCP	0 = none; 1 = active
												Bit 18 : OPP	0 = none; 1 = active
												Bit 19 : OT	0 = none; 1 = active
												Bit 21 : Power fail	0 = none; 1 = active
												Bit 22 : Power fail	0 = none; 1 = active
												Bit 23 : Power fail	0 = none; 1 = active
												Bit 24 : UVD	0 = none; 1 = active
												Bit 25 : OVD	0 = none; 1 = active
												Bit 26 : UCD	0 = none; 1 = active
												Bit 27 : OCD	0 = none; 1 = active
												Bit 28 : OPD	0 = none; 1 = active
												Bit 30 : REM-SB	0 = DC enabled; 1 = REM-SB disables DC output/input
507	0x01FB		x				Actual voltage	R	uint(16)	2	1	0x0000 - 0xFFFF (0 - 125%)	Actual voltage (for translation see programming guide)
508	0x01FC		x				Actual current	R	uint(16)	2	1	0x0000 - 0xFFFF (0 - 125%)	Actual current (for translation see programming guide)
509	0x01FD		x				Actual power	R	uint(16)	2	1	0x0000 - 0xFFFF (0 - 125%)	Actual power (for translation see programming guide)
520	0x0208		x				Count of OV alarms since power up	R	uint(16)	2	1	0x0000 - 0xFFFF	Count
521	0x0209		x				Count of OC alarms since power up	R	uint(16)	2	1	0x0000 - 0xFFFF	Count
522	0x020A		x				Count of OP alarms since power up	R	uint(16)	2	1	0x0000 - 0xFFFF	Count
523	0x020B		x				Count of OT alarms since power up	R	uint(16)	2	1	0x0000 - 0xFFFF	Count
524	0x020C		x				Count of PF alarms since power up	R	uint(16)	2	1	0x0000 - 0xFFFF	Count
550	0x0226		x		x		Overvoltage protection threshold (OVP)	RW	uint(16)	2	1	0x0000 - 0xE147 (0 - 110%)	OVP threshold (for translation see programming guide)
553	0x0229		x		x		Overcurrent protection threshold (OCP)	RW	uint(16)	2	1	0x0000 - 0xE147 (0 - 110%)	OCP threshold (for translation see programming guide)
556	0x022C		x		x		Overpower protection threshold (OPP)	RW	uint(16)	2	1	0x0000 - 0xE147 (0 - 110%)	OPP threshold (for translation see programming guide)
559	0x022F		x		x		Undervoltage detection (UVD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	UVD threshold (for translation see programming guide)
560	0x0230		x		x		Adjustable UVD notification	RW	uint(16)	2	1	Reg : Adjustable UVD notification	0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm
561	0x0231		x		x		Overvoltage detection (OVD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	OVD threshold (for translation see programming guide)
562	0x0232		x		x		Adjustable OVD notification	RW	uint(16)	2	1	Reg : Adjustable OVD notification	0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm
563	0x0233		x		x		Undercurrent detection (UCD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	UCD threshold (for translation see programming guide)
564	0x0234		x		x		Adjustable UCD notification	RW	uint(16)	2	1	Reg : Adjustable UCD notification	0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm
565	0x0235		x		x		Overcurrent detection (OCD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	OCD threshold (for translation see programming guide)
566	0x0236		x		x		Adjustable OCD notification	RW	uint(16)	2	1	Reg : Adjustable OCD notification	0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm
567	0x0237		x		x		Overpower detection (OPD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	OPD threshold (for translation see programming guide)
568	0x0238		x		x		Adjustable OPD notification	RW	uint(16)	2	1	Reg : Adjustable OPD notification	0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm
577	0x0241		x		x		Condition of DC input after OT alarm	RW	uint(16)	2	1	Reg: Condition	0x0000 = off; 0x0001 = Restore
850	0x0352	x		x			Function generator Arbitary: Start/stop	RW	uint(16)	2	1	Coils : Start/Stop	0x0000 = Stop; 0xFF00 = Start
851	0x0353	x		x			Function generator Arbitrary: Select U	RW	uint(16)	2	1	Coils : Select U	0x0000 = not assigned; 0xFF00 = Assign function to voltage
852	0x0354	x		x			Function generator Arbitrary: Select I	RW	uint(16)	2	1	Coils : Select I	0x0000 = not assigned; 0xFF00 = Assign function to current
859	0x035B		x		x		Function generator Arbitrary: Start sequence	RW	uint(16)	2	1	0x0001…0x0064	
860	0x035C		x		x		Function generator Arbitrary: End sequence	RW	uint(16)	2	1	0x0001…0x0064	
861	0x035D		x		x		Function generator Arbitrary: Sequence cycles	RW	uint(16)	2	1	0x0000...0x03E7	0x0000 = infinite
900	0x0384		x			x	Function generator Arbitrary: Setup for sequence 1	RW	float	32	16	Bytes 0-3: Us/Is(AC) in V	Floating point number in IEEE754 format, see device manual for value range, chapter about function generator
												Bytes 4-7: Ue/Ie(AC) in V	
												Bytes 8-11: fs(1/T) in Hz	Integer in IEEE754 format: 0...10000Hz
												Bytes 12-15: fe(1/T) in Hz	
												Bytes 16-19: Angle in degrees	Integer in IEEE754 format: 0°...359°
												Bytes 20-23: Us/Is(DC) in V	Floating point number in IEEE754 format, see device manual for value range, chapter about function generator
												Bytes 24-27: Ue/Ie(DC) in V	
												Bytes 28-31: Sequence time in µs	1...36000000 (36 Mio.)
↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
2468	0x09A4		x			x	Function generatorArbitrary: Setup for sequence 99	RW	float	32	16	Bytes 0-3: Us/Is(AC) in V	Floating point number in IEEE754 format, see device manual for value range, chapter about function generator
												Bytes 4-7: Ue/Ie(AC) in V	
												Bytes 8-11: fs(1/T) in Hz	Integer in IEEE754 format: 0...10000Hz
												Bytes 12-15: fe(1/T) in Hz	
												Bytes 16-19: Angle in degrees	Integer in IEEE754 format: 0°...359°
												Bytes 20-23: Us/Is(DC) in V	Floating point number in IEEE754 format, see device manual for value range, chapter about function generator
												Bytes 24-27: Ue/Ie(DC) in V	
												Bytes 28-31: Sequence time in µs	1...36000000 (36 Mio.)
9000	0x2328		x		x		Upper limit of voltage set value (U-max)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
9001	0x2329		x		x		Lower limit of voltage set value (U-min)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
9002	0x232A		x		x		Upper limit of current set value (I-max)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Current value (for translation see programming guide)
9003	0x232B		x		x		Lower limit of current set value (I-min)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Current value (for translation see programming guide)
9004	0x232C		x		x		Upper limit of power set value (P-max)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Power value (for translation see programming guide)
9006	0x232E		x		x		Upper limit of resistance set value (R-max)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Resistance value (for translation see programming guide)
10007	0x2717	x		x			Ethernet: TCP keep-alive	RW	uint(16)	2	1	Coils: Keep-alive on/off	0x0000 = off; 0xFF00 = on
10008	0x2718	x		x			Ethernet: DHCP	RW	uint(16)	2	1	Coils: DHCP on/off	0x0000 = off; 0xFF00 = on
10010	0x271A	x		x			Protocol: Modbus	RW	uint(16)	2	1	Coils: MODBUS on/off	0x0000 = off; 0xFF00 = on
10011	0x271B	x		x			Protocol: SCPI	RW	uint(16)	2	1	Coils: SCPI on/off	0x0000 = off; 0xFF00 = on
10017	0x2721		x				Ethernet: DHCP status	R	uint(16)	2	1	Bit0: DHCP running	0 = manual; 1 = DHCP
10502	0x2906		x			x	Ethernet: IP address	RW	uint(8)	4	2	Bytes 0 - 3: 0..255	192.168.0.2 (default)
10504	0x2908		x			x	Ethernet: Subnet mask	RW	uint(8)	4	2	Bytes 0 - 3: 0..255	255.255.255.0 (Standard)
10506	0x290A		x			x	Ethernet: Gateway	RW	uint(8)	4	2	Bytes 0 - 3: 0..255	192.168.0.1 (default)
10508	0x290C		x			x	Ethernet: Host name	RW	char	54	27	ASCII	"Client" (default)
10535	0x2927		x			x	Ethernet: Domain name	RW	char	54	27	ASCII	"Workgroup" (default)
10562	0x2942		x			x	Ethernet: DNS	RW	uint(8)	4	2	Bytes 0 - 3: 0..255	0.0.0.0 (default)
10566	0x2946		x		x		USB: Connection timeout (in milliseconds)	RW	uint(16)	2	1	5..65535	Default: 5 ms
10567	0x2947		x				Ethernet: MAC	R	uint(8)	6	3	Bytes 0 - 5: 0..255	00:50:C2:C3:12:34 or 00-50-C2-C3-12-34
10572	0x294C		x		x		Ethernet: Port	RW	uint(16)	2	1	0..65536 (except 80)	5025 (default)
10573	0x294D		x		x		Ethernet: TCP Socket timeout (in seconds)	RW	uint(16)	2	1	5..65535, 0 = inactive	Default: 5 s
11000	0x2AF8		x		x		MPP tracking: MPP-Mode	RW	uint(16)	2	1	0..4	0 = MPPT off; 1 = MPP1; 2 = MPP2; 3 = MPP3; 4 = MPP4
11001	0x2AF9		x		x		MPP tracking: Uoc (setup)	RW	uint(16)	2	1	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide)
11002	0x2AFA		x		x		MPP tracking: Isc (setup)	RW	uint(16)	2	1	0x0000 - 0xCCCC (0 - 100%)	Current value in % of Inom (for translation see programming guide)
11003	0x2AFB		x		x		MPP tracking: Umpp (setup)	RW	uint(16)	2	1	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide)
11004	0x2AFC		x		x		MPP tracking: Impp (setup)	RW	uint(16)	2	1	0x0000 - 0xCCCC (0 - 100%)	Current value in % of Inom (for translation see programming guide)
11005	0x2AFD		x		x		MPP tracking: Pmpp (setup)	RW	uint(16)	2	1	0x0000 - 0xCCCC (0 - 100%)	Power value in % of Pnom (for translation see programming guide)
11006	0x2AFE		x		x		MPP tracking: DeltaP (setup)	RW	uint(16)	2	1	0 - 50 Watt	Power value in % of Pnom (for translation see programming guide)
11007	0x2AFF		x				MPP tracking: Umpp (result of MPP1/2/4)	R	uint(16)	2	1	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide)
11008	0x2B00		x				MPP tracking: Impp (result of MPP1/2/4)	R	uint(16)	2	1	0x0000 - 0xCCCC (0 - 100%)	Current value in % of Inom (for translation see programming guide)
11009	0x2B01		x				MPP tracking: Pmpp (result of MPP1/2/4)	R	uint(16)	2	1	0x0000 - 0xCCCC (0 - 100%)	Power value in % of Pnom (for translation see programming guide)
11010	0x2B02	x		x			MPP tracking: Start/Stop	RW	uint(16)	2	1	Coils: Start/Stop	0x0000 = stop; 0xFF00 = start
11011	0x2B03	x					MPP tracking: Status (of MPP1/2/4)	R	uint(16)	2	1	Coils: Status	0x0000 = running; 0xFF00 = finished
11012	0x2B04	x					MPP tracking: Error	R	uint(16)	2	1	Coils: Error	0x0000 = no error; 0xFF00 = error
11013	0x2B05		x		x		MPP tracking: Interval (setup)	RW	uint(16)	2	1	0x0005 – 0xEA60	Regulation & measuring interval in milliseconds, either for tracking in modes 1 and 2 or for user curve progression in mode 4
11014	0x2B06		x		x		MPP4 : Start	RW	uint(16)	2	1	0x0001 - 0x0064	Start voltage value out of 100 (related to registers 11100-11199) for use in MPP4 mode
11015	0x2B07		x		x		MPP4 : End	RW	uint(16)	2	1	0x0001 - 0x0064	End voltage value out of 100 (related to registers 11100-11199) for use in MPP4 mode
11016	0x2B08		x		x		MPP4 : Repetitions	RW	uint(16)	2	1	0x0000 - 0xFFFF	0x0000 = no repetitions
11100	0x2B5C		x			x	MPP Tracking: User curve (MPP4 mode) voltage values 1-20	RW	uint(16)	40	20	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide)
11120	0x2B70		x			x	MPP Tracking: User curve (MPP4 mode) voltage values 21-40	RW	uint(16)	40	20	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide)
11140	0x2B84		x			x	MPP Tracking: User curve (MPP4 mode) voltage values 41-60	RW	uint(16)	40	20	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide)
11160	0x2B98		x			x	MPP Tracking: User curve (MPP4 mode) voltage values 61-80	RW	uint(16)	40	20	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide)
11180	0x2BAC		x			x	MPP Tracking: User curve (MPP4 mode) voltage values 81-	RW	uint(16)	40	20	0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom (for translation see programming guide)
11200	0x2BC0		x				MPP Tracking: User curve (MPP4 mode) results 1-10 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11230	0x2BDE		x				MPP Tracking: User curve (MPP4 mode) results 11-20 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11260	0x2BFC		x				MPP Tracking: User curve (MPP4 mode) results 21-30 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11290	0x2C1A		x				MPP Tracking: User curve (MPP4 mode) results 31-40 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11320	0x2C38		x				MPP Tracking: User curve (MPP4 mode) results 41-50 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11350	0x2C56		x				MPP Tracking: User curve (MPP4 mode) results 51-60 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11380	0x2C74		x				MPP Tracking: User curve (MPP4 mode) results 61-70 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11410	0x2C92		x				MPP Tracking: User curve (MPP4 mode) results 71-80 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11440	0x2CB0		x				MPP Tracking: User curve (MPP4 mode) results 81-90 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11470	0x2CCE		x				MPP Tracking: User curve (MPP4 mode) results 91-100 (10x Umon, Imon, Pmon)	R	uint(16)	60	30	0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%) 0x0000 - 0xCCCC (0 - 100%)	Voltage value in % of Unom Current value in % of Inom Power value in % of Pnom (for translation see programming guide)
11500	0x2CEC		x			x	Battery test (static): Max. current	RW	float	4	2	Floating point number IEEE754	0 - rated current
11502	0x2CEE		x			x	Battery test (static): Max. power	RW	float	4	2	Floating point number IEEE754	0 - rated power
11504	0x2CF0		x			x	Battery test (static): Max. resistance	RW	float	4	2	Floating point number IEEE754	Min. - max. resistance, 0 = OFF
11506	0x2CF2		x			x	Battery test (static): Discharge voltage	RW	float	4	2	Floating point number IEEE754	0 - rated voltage
11508	0x2CF4		x			x	Battery test (static): Max. capacity to discharge	RW	float	4	2	Floating point number IEEE754	0 - 99999.99
11510	0x2CF6		x			x	Battery test (static): Max. discharge time	RW	uint(32)	4	2	0x00000000 - 0x000A0000 (0 - 10 h)	0x00010203 = 01:02:03 as HH:MM:SS, equivalent to [00][STD][MIN][SEC]
11512	0x2CF8		x		x		Battery test (static): Action upon reaching the max. discharge capacity	RW	uint(16)	2	1	Action when reaching max. discharge capacity	0x0000 = Do nothing; 0x0001 = Signal (see register 11544); 0x0002 = Stop test
11513	0x2CF9		x		x		Battery test (static): Action upon reaching the max. discharge time	RW	uint(16)	2	1	Action upon reaching the max. discharge time	0x0000 = Do nothing; 0x0001 = Signal (see register 11544); 0x0002 = Stop test
11514	0x2CFA		x			x	Battery test (dynamic): Current level 1	RW	float	4	2	Floating point number IEEE754	0 - rated current
11516	0x2CFC		x			x	Battery test (dynamic): Current level 2	RW	float	4	2	Floating point number IEEE754	0 - rated current
11518	0x2CFE		x			x	Battery test (dynamic): Time of current level 1	RW	float	4	2	Floating point number IEEE754	1 - 36000 s
11520	0x2D00		x			x	Battery test (dynamic): Time of current level 2	RW	float	4	2	Floating point number IEEE754	1 - 36000 s
11522	0x2D02		x			x	Battery test (dynamic): Max. power	RW	float	4	2	Floating point number IEEE754	0 - rated power
11524	0x2D04		x			x	Battery test (dynamic): Discharge voltage	RW	float	4	2	Floating point number IEEE754	0 - rated voltage
11526	0x2D06		x			x	Battery test (dynamic): Max. capacity to discharge	RW	float	4	2	Floating point number IEEE754	0 - 99999.99
11528	0x2D08		x			x	Battery test (dynamic): Max. discharge time	RW	uint(32)	4	2	0x00000000 - 0x000A0000 (0 - 10 h)	0x00010203 = 01:02:03 as HH:MM:SS, equivalent to [00][STD][MIN][SEC]
11530	0x2D0A		x		x		Battery test (dynamic): Action upon reaching the max. discharge capacity	RW	uint(16)	2	1	Action upon reaching the max. discharge capacity	0x0000 = Do nothing; 0x0001 = Signal (see register 11544); 0x0002 = Stop test
11531	0x2D0B		x		x		Battery test (dynamic): Action upon reaching the max. discharge time	RW	uint(16)	2	1	Action upon reaching the max. discharge time	0x0000 = Do nothing; 0x0001 = Signal (see register 11544); 0x0002 = Stop test
11532	0x2D0C	x		x			Battery test: Start/stop	RW	uint(16)	2	1	Coils: Start/Stop	0x0000 = Stop; 0xFF00 = Run
11533	0x2D0D	x					Battery test: Status 1	R	uint(16)	2	1	Coils: Test status	0x0000 = Running or not started; 0x00FF = Finished
11534	0x2D0E	x					Battery test: Error status	R	uint(16)	2	1	Coils: Error status	0x0000 = No error; 0x00FF = Error
11535	0x2D0F		x		x		Battery test: Mode selection	RW	uint(16)	2	1	Mode selection	0x0000 = Battery test mode off (default); 0x0001 = Staticmode; 0x0002 = Dynamic mode
11536	0x2D10		x				Battery test: Discharged capacity in Ah	R	float	4	2	x Ah	10.5 Ah
11538	0x2D12		x				Battery test: Discharged energy in Wh	R	float	4	2	x Wh	23453.5 Wh
11540	0x2D14		x				Battery test: Time at end of test	R	uint(16)	8	4	HH:MM:SS.MS	Word 0 = Hours (0-10) Word 1 = Minutes (0-59) Word 2 = Seconds (0-59) Word 3 = Milliseconds (0-999)
11544	0x2D18		x				Battery test: Status 2	R	uint(16)	2	1	Status	0x0000 = Battery test mode off (default); 0x0001 = running; 0x0002 = stopped; 0x0004 = error occurred; 0x0008 = initalized; 0x0010 = maximum Ah reached (signal only); 0x0020 = maximum time reached (signal only); 0x0040 = maximum Ah reached (end of test); 0x0080 = maximum time reached (end of test)