

(check the installed version by reading register 211)

402	x				Remote mode	RW	uint(16)	2	1	Coils : Remote	0x0000 = off; 0xFF00 = on
405	x		x		DC output / DC input	RW	uint(16)	2	1	Coils : Output / Input	0x0000 = off; 0xFF00 = on
407	x		x		Condition of DC output / DC input after power fail alarm	RW	uint(16)	2	1	Coils : Output / Input	0x0000 = off; 0xFF00 = auto
408		x		x	Condition of DC output / DC input after powering the device	RW	uint(16)	2	1	Reg : Power-On	0xFFFF = off; 0xFFFE = restore
409	x		x		Operation mode (UIP/UIR)	RW	uint(16)	2	1	Coils : Operation mode	0x0000 = UIP; 0xFF00 = UIR
411				x	Acknowledge alarms	W	uint(16)	2	1	Coils : Alarms	0xFF00 = acknowledge
500		x		x	Set voltage value	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
501		x		x	Set current value or irradiation (PV function)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Current value (for translation see programming guide) / Irradiation
502		x		x	Set power value	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Power value (for translation see programming guide)
503		x		x	Set resistance value	RW	uint(16)	2	1	0x0000 - 0xC0CC (0 - 100%)	Resistance value (for translation see programming guide)
505		x			Device state	R	uint(32)	4	2	Bit 0-4: Control location	0x0 = free; 0x3 = USB
										Bit 5 : -	
										Bit 6 : Master-slave type	0 = slave; 1 = master
										Bit 7 : Output / input state	0 = off; 1 = on
										Bit 8 : -	
										Bit 9-10 : Regulation mode	00 = CV; 01 = CR; 10 = CC; 11 = CP
										Bit 12-11 : -	
										Bit 13 : Function mode	0 = off; 1 = on
										Bit 14 : External sense	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 20 : -	
										Bit 21 : Power fail 1	0 = none; 1 = active
										Bit 22 : Power fail 2	0 = none; 1 = active
										Bit 23 : Power fail 3	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 29 : MSS	0 = OK; 1 = Master-slave in secure mode
507		x			Actual voltage	R	uint(16)	2	1	0x0000 - 0xFFFF (0 - 125%)	Actual voltage (for translation see programming guide)
508		x			Actual current	R	uint(16)	2	1	0x0000 - 0xFFFF (0 - 125%)	Actual current (for translation see programming guide)
509		x			Actual power	R	uint(16)	2	1	0x0000 - 0xFFFF (0 - 125%)	Actual power (for translation see programming guide)

550	x	x	Overvoltage protection threshold (OVP)	RW	uint(16)	2	1	0x0000 - 0xE147 (0 - 110%)	OVP threshold (for translation see programming guide)
553	x	x	Overcurrent protection threshold (OCP)	RW	uint(16)	2	1	0x0000 - 0xE147 (0 - 110%)	OCP threshold (for translation see programming guide)
556	x	x	Overpower protection threshold (OPP)	RW	uint(16)	2	1	0x0000 - 0xE147 (0 - 110%)	OPP threshold (for translation see programming guide)
559	x	x	Undervoltage detection (UVD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	UVD threshold (for translation see programming guide)
560	x	x	Adjustable UVD notification	RW	uint(16)	2	1	Adjustable UVD notification 0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm	
561	x	x	Overvoltage detection (OVD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	OVD threshold (for translation see programming guide)
562	x	x	Adjustable OVD notification	RW	uint(16)	2	1	Adjustable OVD notification 0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm	
563	x	x	Undercurrent detection (UCD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	UCD threshold (for translation see programming guide)
564	x	x	Adjustable UCD notification	RW	uint(16)	2	1	Adjustable UCD notification 0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm	
565	x	x	Overcurrent detection (OCD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	OCD threshold (for translation see programming guide)
566	x	x	Adjustable OCD notification	RW	uint(16)	2	1	Adjustable OCD notification 0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm	
567	x	x	Overpower detection (OPD)	RW	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	OPD threshold (for translation see programming guide)
568	x	x	Adjustable OPD notification	RW	uint(16)	2	1	Adjustable OPD notification 0x0000 = nothing; 0x0001 = signal; 0x0002 = warning; 0x0003 = alarm	

9000	x			Upper limit of voltage set value (U-max)	R	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
9001	x			Lower limit of voltage set value (U-min)	R	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
9002	x			Upper limit of current set value (I-max)	R	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Current value (for translation see programming guide)
9003	x			Lower limit of current set value (I-min)	R	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Current value (for translation see programming guide)
9004	x			Upper limit of power set value (P-max)	R	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Power value (for translation see programming guide)
9006	x			Upper limit of resistance set value (R-max)	R	uint(16)	2	1	0x0000 - 0xD0E5 (0 - 102%)	Resistance value (for translation see programming guide)
10566	x			USB: Connection timeout in milliseconds	R	uint(16)	2	15	6.5535	Default: 5ms