										the state of the s	
	33)			×10							
	(0×03)		single register (0x06)	Write multiple registers (0x							
	) s	160	Ò	SIES							
	Read holding registers	Write single coil (0x05)	<u></u>	iste				S	y.		
.   =	gis	9	ste	egi				length in bytes	registers		
coils (0x01)	9	i e	ed	9				d۲	gis		
9	ng	9	е -	후				- 1 ≔	<u>e</u>		
ŝ	힐	ᅙ	) B	1 =			Φ	ਚਿ	Jo	i i	
8	은	. j	S.	E		92		en	ē		
Read	aq	<u>i</u>	Write	rite		Access	酉	ta	Ē		
8	8	۱≥ّ	IŠ	>	Description	Ac Ac	Data type	Data	Number	Data	Example
0	х	T			Device class		R uint(1			1	23 = PS 5000
1	х			1	Device type		_	_		0 ASCII	PS 5200-10A
1	х	1		1	Manufacturer		_			0 ASCII	
1	x	+	+-	+	Manufacturer address		_			0 ASCII	PS 5200-10A
1	x	+	+-	+	Manufacturer ZIP code					0 ASCII	1 0 0200 1011
1	×	+	+	+	Manufacterer phone number					0 ASCII	
_	_	+	+	1	·		_	_		0 ASCII	
1	X	+	+	1	Manufacturer website				_		200
1	х	1	1	1	Nominal voltage			_	_	2 Floating point number IEEE754	200
3	х	_	_	1	Nominal current					2 Floating point number IEEE754	10
5	х	1	1	<u> </u>	Nominal power					2 Floating point number IEEE754	640
9	х			1	Min. Internal resistance		_			2 Floating point number IEEE754	Immer 0
1	х	L			Article no.			_		0 ASCII	05100300
1	х	L	$\mathbf{L}^{-}$	$L^{T}$	Serial no.		R ch	ar 40	2	0 ASCII	1234567890
1	х			х	User text	R\	V ch	ar 40	2	0 ASCII	
1	х			1	Firmware version (KE)		_			0 ASCII	V2.01 01.03.2014
1	x	t	1	t	Firmware version (HMI)		_			0 ASCII	V2.02 01.03.2014
1	X	+	+	+	Firmware version (DR)		R ch	_		0 ASCII	V1.5.10
·1	^			1	· ····································	1	, ci	4U	1 4	ap.con	1
a .		١.	1	1	Demote made	1	v	6) ^		1 Coils : Remote	0v0000 = off 0vFF00 = on
2 x	1	X	+	₽-	Remote mode	R\			₽		0x0000 = off; 0xFF00 = on
5 x	1	Х	_	1	DC output	R\	_		1	1 Coils : Output	0x0000 = off; 0xFF00 = on
8 x	1	х		1	Condition of the DC output after powering the device	R\	_	_	_	1 Coils : Power-On	0xFFFF = off; 0xFFFE = restore
1		х			Acknowledge alarms	١	V uint(1	6) 2		1 Coils : Alarms	0xFF00 = acknowledge
0	х		х		Set voltage value	R\	V uint(1	6) 2	2	1 0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
1	х		х		Set current value	RV	V uint(1	6) 2		1 0x0000 - 0xD0E5 (0 - 102%)	Current value (for translation see programming guide)
2	Х		Х		Set power value	RV	V uint(1	6) 2	2	1 0x0000 - 0xD0E5 (0 - 102%)	Power value (for translation see programming guide)
5	х				Device state		R uint(3	2) 4		2 Bit 0-4: Control location	0x00 = free; 0x01 = local; 0x02 = remote; 0x03 = USB
										Bit 5 :-	0 = off; 1 = active
										Bit 6 :-	
										Bit 7 : DC output	0 = off; 1 = on
											0 - 011, 1 - 011
										Bit 8 :-	22 21 12 22 11 22
										Bit 9-10: Regulation mode	00 = CV; 10 = CC; 11 = CP
										Bit 11 : Remote	0 = off; 1 = on
										Bit 12 :-	
										Bit 13 :-	
										Bit 14 : Warning Sense	0 = none; 1 = active
										Bit 15 : Alarm	0 = no alarm active; 1 = at least one alarm active
										Bit 16 : Alarm OVP	0 = none; 1 = active
1				1		1	1		1	Bit 17 : Alarm OCP	0 = none; 1 = active
1				1		1			1	Bit 18 : Alarm OPP	0 = none; 1 = active
				1		1			1	Bit 19 : Alarm OT	0 = none; 1 = active
				1		1			1	Bit 20 :-	, ,
1						1					0 = papa; 1 = activa
+	1	1	1	1					+	Bit 21 : Alarm PF	0 = none; 1 = active
7	х	1	1	↓	Actual voltage		٠,		4	1 0x0000 - 0xFFFF (0 - 125%)	Actual voltage (for translation see programming guide)
8	х			1	Actual current		R uint(1		<u> </u>	1 0x0000 - 0xFFFF (0 - 125%)	Actual current (for translation see programming guide)
9	х	L			Actual power		R uint(1	6) 2	L	1 0x0000 - 0xFFFF (0 - 125%)	Actual power (for translation see programming guide)
┸		L							L		
0	х		T		Count of OV alarms since power up		R uint(1	6) 2		1 0x0000 - 0xFFFF	Count
1	х			1	Count of OC alarms since power up		R uint(1	6) 2	1	1 0x0000 - 0xFFFF	Count
2	х	T		1	Count of OP alarms since power up		R uint(1		_	1 0x0000 - 0xFFFF	Count
3	×	t	1	t	Count of OT alarms since power up		R uint(1		t	1 0x0000 - 0xFFFF	Count
4	×	+	+	t	Count of PF alarms since power up		,		+	1 0x0000 - 0xFFFF	Count
0	X	+	х	t	Overvoltage protection threshold (OVP)	R\	_	_	+	1 0x0000 - 0xF147 (0 - 110%)	OVP threshold (for translation see programming guide)
_	_	+	_	1-	Overvoltage protection threshold (OCP)  Overcurrent protection threshold (OCP)	RI			+		
3	X	+	X	1			_		╁	1 0x0000 - 0xE147 (0 - 110%)	OCP threshold (for translation see programming guide)
6	х	<u> </u>	Х	1	Overpower protection threshold (OPP)	RN	V uint(1	6) 2		1 0x0000 - 0xE147 (0 - 110%)	OPP threshold (for translation see programming guide)
٠.	1			1	Decelled 4	I	vI	o)		Flo	National value (Continued of Continued of Co
0	х			×	Recall set 1	RV	V uint(1	6) 10	1	5 Bytes 0-1: 0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
				1		1			1	Bytes 2-3: 0x0000 - 0xD0E5 (0 - 102%)	Current value (for translation see programming guide)
				1		1			1		
1				1		1	1		1	Bytes 4-5: 0x0000 - 0xE147 (0 - 110%)	Overvoltage value (OVP) (for translation see programming guide)
		1	ĺ			1			1	Bytes 6-7: 0x0000 - 0xE147 (0 - 110%)	Overcurrent value (OCP) (for translation see programming guide)
						1			1	Bytes 8-9: -	Always 0x0000
J.	1	J.	1	1	1		Ţ	Į I	J	1	1
0	X	Ť	Ť	x	Recall set 9	R\	V uint(1	6) 10	Ť	5 Bytes 0-1: 0x0000 - 0xD0E5 (0 - 102%)	Voltage value (for translation see programming guide)
				1		1	(1	1	1		Current value (for translation see programming guide)
1				1		1			1	Bytes 0-1: 0x0000 - 0xD0E5 (0 - 102%)	
1				1		1			1	Bytes 4-5: 0x0000 - 0xE147 (0 - 110%)	Overvoltage value (OVP) (for translation see programming guide)
	1	1	1	1					1	Bytes 6-7: 0x0000 - 0xE147 (0 - 110%)	Overcurrent value (OCP) (for translation see programming guide)
										Bytes 8-9: -	Always 0x0000