

Schneider Electric Modbus Register Map: Galaxy 300

Notes:

1. 16-bit registers are transmitted MSB first (i.e. big-endian).
2. UINT16 and UINT32 are most-significant word in n+0, least significant word in n+1 (i.e. big-endian).
3. Function codes 3 and 4 are supported
4. Modbus serial RTU is supported.
5. Signed numbers are twos-compliment
6. Status bits are atomic within a single Modbus register. User should not look for consistency across multiple registers, only within a single register.
7. For ASCII strings less than the maximum length, the unused characters are filled with nulls.
8. Single-register reads of reserved or undefined registers will return an error. Block reads which begin with a valid register will return zeros for undefined registers.
9. Strings are two characters per register, first character in high-order byte, second character in low-order byte. Printable ASCII only.
10. Bit #0 is least significant bit.
11. Data Type column: "INT16"=signed 16-bit integer, "UINT16" = unsigned 16-bit integer, "INT32" = signed 32-bit integer, "UINT32" = unsigned 32-bit integer, "ENUM" is a UINT16 value which maps to a defined list of states, "ASCII" = the printable ASCII subset from 0x20 - 0x7E. BOOLEAN= a single bit, 0 or 1.
12. "Absolute Starting Register Address" = 0 (the column heading used in this table) is equivalent to "Register 40001" in Modicon terminology, which is address zero when transmitted over the wire.
13. The number of word by frame should not exceed 26 words.

Note: For detailed modbus configuration settings please refer to the AP9635 User's Guide.

Modicon Standard Register Number	Absolute Starting Register Address, (Hexadecimal)	Absolute Starting Register Address, (Decimal)	Bit	Data Point	Length # registers	Type	Multiply Reading By:	Divide Reading By:	Valid Response	Supported Modules
40001	0x0000	0		Over all status of the UPS. 0 = Status unknown 2 = No alarms present 4 = Warning alarms present 8 = Critical alarms present	1	ENUM				
40002	0x0001	1		NMC application name	9	ASCII				
40011	0x000A	10		NMC card model number	9	ASCII				
40020	0x0013	19		NMC card serial nummber	8	ASCII				
40028	0x001B	27		NMC card hardware revision	9	ASCII				
40037	0x0024	36		NMC card firmware revision	9	ASCII				
40046	0x002D	45		Reserved for future use	5					
40051	0x0032	50		NMC card manufactruing date	6	ASCII				
40057	0x0038	56		Reserved for future use	8					
40065	0x0040	64		Alarm/Status Register	1	UINT16				
			0	Output Power Turned Off or not		BOOLEAN			0: Output is not powered. 1: Output is powered.	
			1	Load Protected (UPS coupled)		BOOLEAN			0: Inverter is not used 1: Inverter is used	
			2	UPS major alarm		BOOLEAN			1 - UPS major module is inoperable.	
			3	NA		BOOLEAN				
			4	Battery usage status		BOOLEAN			1 - On battery power in response to an input power problem	
			5	Battery low warning		BOOLEAN			1 - Low battery	
			6	End of Battery runtime		BOOLEAN			1 - Ups is in shutdown state due to low battery	
			7	Operation on static switch		BOOLEAN			1 - (In bypass) Bypass AC Input is used as source of power	For G300 60 and 80 KVA it is called as Breaker instead switch
			8	Modbus data Invalid		BOOLEAN			1 - Modbus Data Not valid	
			9	Communication lost		BOOLEAN			1 - UPS serial communication lost exists	
			10	UPS overload		BOOLEAN			1 - UPS output overload	
			11	Emergency stop		BOOLEAN			1 - Emergency stop in progress	

Modicon Standard Register Number	Absolute Starting Register Address, (Hexadecimal)	Absolute Starting Register Address, (Decimal)	Bit	Data Point	Length # registers	Type	Multiply Reading By:	Divide Reading By:	Valid Response	Supported Modules
			12	UPS Internal Temperature Violation		BOOLEAN			0 - UPS temperature is ok 1 - UPS internal temperature exceeds the critical threshold.	
			13	Battery to be checked or External battery monitoring alarm		BOOLEAN			1 - Battery Replacement needed	
			14	Device ventilation fault		BOOLEAN			1 - System level fan inoperable	
			15	Load Alarm Violation		BOOLEAN			1 - Alarm violation present 0- Alarm violation not present	
40066	0x0041	65		Alarm/Status Register	1	UINT16				
			0	Run in Frequency converter		BOOLEAN			0 - Power converter currently works on auto ranging 1 - Power converter currently works on frequency converter	
			1	1 - Unitary 3: 3 (Galaxy 300)		BOOLEAN			0 0 1 - Galaxy 300 Unitary 33	
			2	2 - Modular 3: 3 (Galaxy 300)					1 0 1 - Galaxy 300 Unitary 31	
			3	3 - Reserved					0 1 0 - Galaxy 300 Redundant 33	
			4	4 - Reserved					1 1 0 - Galaxy 300 Redundant 31	
			5	5 - Galaxy 300 unitary 3:1						
			6	6 - Galaxy 300 modular 3:1						
			4	NA		BOOLEAN				
			5	NA		BOOLEAN				
			6	Maintenance bypass switch status		BOOLEAN			1 - Maintenance bypass switch closed	For G300 60 and 80 KVA it is called as Breaker instead switch
			7	NA		BOOLEAN				
			8	Deep Discharge protection		BOOLEAN			0- Disabled, 1 - Enabled	
			9	Rectifier internal alarm status		BOOLEAN			1 - Rectifier internal alarm exists	
			10	Load protection status in parallel installation		BOOLEAN			0 - Load protection is restored 1 - Load protection is lost	
			11	NA		BOOLEAN				
			12	NA		BOOLEAN				
			13	ECO mode status		BOOLEAN			0 - UPS not in ECO Mode 1 - UPS is running in ECO Mode	Only for 60 and 80 KVA unitary models
			14	NA		BOOLEAN				
			15	NA		BOOLEAN				
40067	0x0042	66		Alarm/Status Register	1	UINT16				
			0	Installed battery status		BOOLEAN			1 - Battery present	
			1	NA		BOOLEAN				
			2	Battery Test error		BOOLEAN			1- Battery test failed	
			3	NA		BOOLEAN				
			4	NA		BOOLEAN				
			5	NA		BOOLEAN				
			6	NA		BOOLEAN				
			7	NA		BOOLEAN				
			8	battery test in progress		BOOLEAN			1 - Test in progress	
			9	NA		BOOLEAN				
			10	Internal battery temperature status		BOOLEAN			1 - The internal battery temperature exceeds the critical threshold	
			11	NA		BOOLEAN				
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	NA		BOOLEAN				
			15	Battery switch status		BOOLEAN			1 - Battery switch closed	For G300 60 and 80 KVA it is called as Breaker instead switch

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40068	0x0043	67		Alarm/Status Register	1	UINT16				
			0	NA		BOOLEAN				
			1	UPS warranty expired		BOOLEAN			1-Warranty expiring soon alarm	
			2	NA		BOOLEAN				
			3	UPS battery service expired		BOOLEAN			1-Battery service life expired alarm	
			4	NA		BOOLEAN				
			5	NA		BOOLEAN				
			6	NA		BOOLEAN				
			7	NA		BOOLEAN				
			8	UPS wearing parts life expired		BOOLEAN			1 - End of life of the wearing parts alarm	
			9	Ups secure start up recommended		BOOLEAN			1- UPS secure startup required alarm	
			10	NA		BOOLEAN				
			11	NA		BOOLEAN				
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	NA		BOOLEAN				
			15	NA		BOOLEAN				
40069	0x0044	68		Alarm/Status Register	1	UINT16				
			0	NA		BOOLEAN				
			1	NA		BOOLEAN				
			2	NA		BOOLEAN				
			3	NA		BOOLEAN				
			4	NA		BOOLEAN				
			5	NA		BOOLEAN				
			6	NA		BOOLEAN				
			7	NA		BOOLEAN				
			8	Mains input voltage status		BOOLEAN			1 - Mains input is not OK/Voltage out of tolerance	
			9	Mains input fuse status		BOOLEAN			1 - Mains fuse blown (open)	
			10	NA		BOOLEAN				
			11	Mains input frequency status		BOOLEAN			1 - Mains input frequency out of tolerance	
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	NA		BOOLEAN				
			15	NA		BOOLEAN				
40070	0x0045	69		Alarm/Status Register	1	UINT16				
			0	NA		BOOLEAN				
			1	NA		BOOLEAN				
			2	NA		BOOLEAN				
			3	NA		BOOLEAN				
			4	NA		BOOLEAN				
			5	Status of the input contact 1		BOOLEAN			1 - input contact 1 alarm exist	
			6	Status of the input contact 2		BOOLEAN			1 - input contact 2 alarm exist	
			7	UPS Redundancy status		BOOLEAN			1 - Power modules redundancy is lost	
			8	NA		BOOLEAN				
			9	NA		BOOLEAN				
			10	NA		BOOLEAN				
			11	NA		BOOLEAN				
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	NA		BOOLEAN				
			15	NA		BOOLEAN				

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40071	0x0046	70		Alarm/Status Register	1	UINT16				
			0	NA		BOOLEAN				
			1	UPS maintenance bypass status		BOOLEAN			0 - UPS is not in maintenance bypass 1 - UPS is in maintenance bypass	
			2	NA		BOOLEAN				
			3	NA		BOOLEAN				
			4	NA		BOOLEAN				
			5	Bypass overload status		BOOLEAN			0 - Bypass input power is ok. 1 - Bypass input power overload	
			6	Bypass thermal overload status		BOOLEAN			0 - No thermal overload on bypass input 1 - Thermal overload exists on bypass input	
			7	Bypass module status		BOOLEAN			0 - Bypass module is ok 1 - Bypass module is in inoperable condition	
			8	NA		BOOLEAN				
			9	Bypass frequency status		BOOLEAN			0 - Bypass frequency in tolerance 1 - Bypass frequency out of tolerance	
			10	Bypass voltage status		BOOLEAN			0 - Bypass voltage in tolerance 1 - Bypass voltage out of tolerance	
			11							
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	Bypass switch status		BOOLEAN			1 - Bypass switch closed	For G300 60 and 80 KVA it is called as Breaker instead switch
			15	NA		BOOLEAN				
40072	0x0047	71		Alarm/Status Register	1	UINT16				
			0	Static Bypass Switch Alarm status		BOOLEAN			0 - Static bypass switch is ok 1 - Static bypass switch is inoperable (fuse, relay, ...)	
			1	Inverter and AC bypass desynchronisation		BOOLEAN			0 - Ups synchronised with AC bypass, 1 - Ups is not synchronised with the AC bypass	
			2	NA		BOOLEAN				
			3	NA		BOOLEAN				
			4	NA		BOOLEAN				
			5	NA		BOOLEAN				
			6	NA		BOOLEAN				
			7	NA		BOOLEAN				
			8	Inverter and AC bypass desynchronisation		BOOLEAN			0 - Ups synchronised with AC bypass, 1 - Ups is not synchronised with the AC bypass	
			9	NA		BOOLEAN				
			10	NA		BOOLEAN				
			11	Output switch status		BOOLEAN			1 - Output switch closed	For G300 60 and 80 KVA it is called as Breaker instead switch
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	NA		BOOLEAN				
			15	NA		BOOLEAN				
40073	0x0048	72		Alarm/Status Register	1	UINT16				

Modicon Standard Register Number	Absolute Starting Register Address, (Hexadecimal)	Absolute Starting Register Address, (Decimal)	Bit	Data Point	Length # registers	Type	Multiply Reading By:	Divide Reading By:	Valid Response	Supported Modules
			0	<i>Input contact 1 status</i>		BOOLEAN			1 - input contact 1 closed	
			1	<i>Input contact 2 Status</i>		BOOLEAN			1 - input contact 2 closed	
			2	<i>NA</i>		BOOLEAN				
			3	<i>NA</i>		BOOLEAN				
			4	<i>NA</i>		BOOLEAN				
			5	<i>NA</i>		BOOLEAN				
			6	<i>NA</i>		BOOLEAN				
			7	<i>NA</i>		BOOLEAN				
			8	<i>NA</i>		BOOLEAN				
			9	<i>NA</i>		BOOLEAN				
			10	<i>NA</i>		BOOLEAN				
			11	<i>NA</i>		BOOLEAN				
			12	<i>NA</i>		BOOLEAN				
			13	<i>NA</i>		BOOLEAN				
			14	<i>NA</i>		BOOLEAN				
			15	<i>NA</i>		BOOLEAN				
40074	0x0049	73		Alarm/Status Register	1	UINT16				
			0	<i>Battery charger status</i>		BOOLEAN			1 - Battery charger is inoperable	
			1	<i>Battery charging status</i>		BOOLEAN			1 - Battery is charging	
			2	<i>NA</i>		BOOLEAN				
			3	<i>Battery charging status</i>		BOOLEAN			1 - Battery is charging	
			4	<i>NA</i>		BOOLEAN				
			5	<i>NA</i>		BOOLEAN				
			6	<i>NA</i>		BOOLEAN				
			7	<i>NA</i>		BOOLEAN				
			8	<i>NA</i>		BOOLEAN				
			9	<i>NA</i>		BOOLEAN				
			10	<i>NA</i>		BOOLEAN				
			11	<i>NA</i>		BOOLEAN				
			12	<i>NA</i>		BOOLEAN				
			13	<i>NA</i>		BOOLEAN				
			14	<i>NA</i>		BOOLEAN				
			15	<i>NA</i>		BOOLEAN				
40075	0x004A	74		Alarm/Status Register	1	UINT16				
			0	<i>NA</i>		BOOLEAN				
			1	<i>ECO setting</i>		BOOLEAN			1 - ECO mode feature is available	Only for 60 and 80KVA unitary models
			2	<i>NA</i>		BOOLEAN				
			3	<i>NA</i>		BOOLEAN				
			4	<i>NA</i>		BOOLEAN				
			5	<i>NA</i>		BOOLEAN				
			6	<i>NA</i>		BOOLEAN				
			7	<i>NA</i>		BOOLEAN				
			8	<i>NA</i>		BOOLEAN				
			9	<i>NA</i>		BOOLEAN				
			10	<i>NA</i>		BOOLEAN				
			11	<i>NA</i>		BOOLEAN				
			12	<i>NA</i>		BOOLEAN				
			13	<i>NA</i>		BOOLEAN				
			14	<i>NA</i>		BOOLEAN				
			15	<i>NA</i>		BOOLEAN				
40076	0x004B	75		Reserved for future use						
			0	<i>NA</i>		BOOLEAN				
			1	<i>NA</i>		BOOLEAN				
			2	<i>NA</i>		BOOLEAN				

Modicon Standard Register Number	Absolute Starting Register Address, (Hexadecimal)	Absolute Starting Register Address, (Decimal)	Bit	Data Point	Length # registers	Type	Multiply Reading By:	Divide Reading By:	Valid Response	Supported Modules
			3	NA		BOOLEAN				
			4	NA		BOOLEAN				
			5	NA		BOOLEAN				
			6	NA		BOOLEAN				
			7	NA		BOOLEAN				
			8	NA		BOOLEAN				
			9	NA		BOOLEAN				
			10	NA		BOOLEAN				
			11	NA		BOOLEAN				
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	NA		BOOLEAN				
			15	NA		BOOLEAN				
40077	0x004C	76		Alarm/Status Register	1	UINT16				
			0	NA		BOOLEAN				
			1	Inverter Module Alarm status		BOOLEAN			1 - Inverter module is inoperable.	
			2	Inverter overload status		BOOLEAN			1 - Inverter Overload	
			3	Inverter thermal overload status		BOOLEAN			1 - A thermal over load condition exists on Inverter.	
			4	Inverter limitation status		BOOLEAN			0 - No current limitation 1 - Current limitation	
			5	Inverter fuse status		BOOLEAN			0 - No fuse or fuse closed 1 - Inverter Fuse Blown (open)	
			6	NA		BOOLEAN				
			7	NA		BOOLEAN				
			8	NA		BOOLEAN				
			9	NA		BOOLEAN				
			10	NA		BOOLEAN				
			11	NA		BOOLEAN				
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	NA		BOOLEAN				
			15	NA		BOOLEAN				
40078	0x004D	77		Reserved for future use	2					
40080	0x004F	79		Alarm/Status Register	1	UINT16				
			0	NA		BOOLEAN				
			1	Short circuit on output status		BOOLEAN			1 - Short circuit on output exists	
			2	NA		BOOLEAN				
			3	NA		BOOLEAN				
			4	NA		BOOLEAN				
			5	NA		BOOLEAN				
			6	NA		BOOLEAN				
			7	NA		BOOLEAN				
			8	NA		BOOLEAN				
			9	NA		BOOLEAN				
			10	NA		BOOLEAN				
			11	NA		BOOLEAN				
			12	NA		BOOLEAN				
			13	NA		BOOLEAN				
			14	NA		BOOLEAN				
			15	NA		BOOLEAN				
40081	0x0050	80		Reserved for future use	48					
40225	0x00E0	224		Frequency ECO transfer range	1	UINT16		%		Only on 60 and 80 KVA unitary models
40226	0x00E1	225		ECO high voltage threshold	1	UINT16		Volts		Only on 60 and 80 KVA unitary models

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40227	0x00E2	226		ECO Low voltage threshold	1	UINT16			Volts	Only on 60 and 80 KVA unitary models
40228	0x00E3	227		Reserved for future use	29					
40257	0x0100	256		Mains input phase 1 current	1	UINT16			Amps	
40258	0x0101	257		Mains input phase 2 current	1	UINT16			Amps	
40259	0x0102	258		Mains input phase 3 current	1	UINT16			Amps	
40260	0x0103	259		Reserved for future use	3					
40263	0x0106	262		Bypass input phase 1 current	1	UINT16			Amps	
40264	0x0107	263		Bypass input phase 2 current	1	UINT16			Amps	
40265	0x0108	264		Bypass input phase 3 current	1	UINT16			Amps	
40266	0x0109	265		Output phase 1 current	1	UINT16			Amps	
40267	0x010A	266		Output phase 2 current	1	UINT16			Amps	
40268	0x010B	267		Output phase 3 current	1	UINT16			Amps	
40269	0x010C	268		Reserved for future use	2					
40271	0x010E	270		Battery current	1	UINT16			Amps	
40272	0x010F	271		Battery Positive Current	1	UINT16			Amps	Supports only for G300 60 and 80 KVA models
40273	0x0110	272		Battery Negative Current	1	UINT16			Amps	Supports only for G300 60 and 80 KVA models
40274	0x0111	273		Reserved for future use	4					
40278	0x0115	277		Mains input phase 1 to phase 2 voltage	1	UINT16			Volts	
40279	0x0116	278		Mains input phase 2 to phase 3 voltage	1	UINT16			Volts	
40280	0x0117	279		Mains input phase 3 to phase 1 voltage	1	UINT16			Volts	
40281	0x0118	280		Reserved for future use	6					
40287	0x011E	286		Bypass input phase 1 to neutral voltage	1	UINT16			Volts	
40288	0x011F	287		Bypass input phase 2 to neutral voltage	1	UINT16			Volts	
40289	0x0120	288		Bypass input phase 3 to neutral voltage	1	UINT16			Volts	
40290	0x0121	289		Bypass input phase 1 to phase 2 voltage	1	UINT16			Volts	
40291	0x0122	290		Bypass input phase 2 to phase 3 voltage	1	UINT16			Volts	
40292	0x0123	291		Bypass input phase 3 to phase 1 voltage	1	UINT16			Volts	
40293	0x0124	292		Output phase 1 to neutral voltage	1	UINT16			Volts	
40294	0x0125	293		Output phase 2 to neutral voltage	1	UINT16			Volts	Not present for Galaxy 300 3:1
40295	0x0126	294		Output phase 3 to neutral voltage	1	UINT16			Volts	Not present for Galaxy 300 3:1
40296	0x0127	295		Output phase 1 to phase 2 voltage	1	UINT16			Volts	Not present for Galaxy 300 3:1
40297	0x0128	296		Output phase 2 to phase 3 voltage	1	UINT16			Volts	Not present for Galaxy 300 3:1
40298	0x0129	297		Output phase 3 to phase 1 voltage	1	UINT16			Volts	Not present for Galaxy 300 3:1
40299	0x012A	298		Reserved for future use	3					
40302	0x012D	301		Battery voltage	1	UINT16			Volts	
40303	0x012E	302		Battery Positive Voltage	1	UINT16			Volts	Supports only for G300 60 and 80 KVA models
40304	0x012F	303		Battery Negative Voltage	1	UINT16			Volts	Supports only for G300 60 and 80 KVA models
40305	0x0130	304		Output phase 1 active power	1	UINT16			kW	Not present for Galaxy 300 3:1
40306	0x0131	305		Output phase 2 active power	1	UINT16			kW	Not present for Galaxy 300 3:1
40307	0x0132	306		Output phase 3 active power	1	UINT16			kW	Not present for Galaxy 300 3:1
40308	0x0133	307		Output phase 1 apparent power	1	UINT16			kVA	Not present for Galaxy 300 3:1
40309	0x0134	308		Output phase 2 apparent power	1	UINT16			kVA	Not present for Galaxy 300 3:1
40310	0x0135	309		Output phase 3 apparent power	1	UINT16			kVA	Not present for Galaxy 300 3:1
40311	0x0136	310		Total Output active power	1	UINT16			kW	
40312	0x0137	311		Total Output apparent power	1	UINT16			kVA	
40313	0x0138	312		Reserved for future use	1	UINT16				
40314	0x0139	313		Total output percent load	1	UINT16			%	
40315	0x013A	314		Output phase 1 peak factor	1	UINT16				peak factor will be in multiples of 100
40316	0x013B	315		Output phase 2 peak factor	1	UINT16				peak factor will be in multiples of 100 (Not present for Galaxy 300 3:1)
40317	0x013C	316		Output phase 3 peak factor	1	UINT16				peak factor will be in multiples of 100 (Not present for Galaxy 300 3:1)
40318	0x013D	317		Output power factor	1	UINT16				power factor will be in multiples of 100 (0 to 100)
40319	0x013E	318		Mains input frequency	1	UINT16			dHz	frequency value will be in multiples of 10

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40320	0x013F	319		Reserved for future use	1	UINT16				
40321	0x0140	320		Bypass input frequency	1	UINT16			dHz	frequency value will be in multiples of 10
40322	0x0141	321		Output frequency	1	UINT16			dHz	frequency value will be in multiples of 10
40323	0x0145	322		Reserved for future use	7					
40330	0x0149	329		Battery remaining runtime	1	UINT16			minutes	
40331	0x014A	330		Battery temperature	1	UINT16			°C	
40332	0x014B	331		Battery remaining capacity	1	UINT16			%	
40333	0x014C	332		Reserved for future use	4					
40337	0x0150	336		Mains input phase 1 to neutral voltage	1	UINT16			Volts	
40338	0x0151	337		Mains input phase 2 to neutral voltage	1	UINT16			Volts	
40339	0x0152	338		Mains input phase 3 to neutral voltage	1	UINT16			Volts	
40340	0x0153	339		Batteries count per branch	1	UINT16				
40341	0x0154	340		Total battery capacity	1	UINT16			Amp-Hour	
40342	0x0155	341		Battery temperature in Deg F	1	UINT16			°F	
40343	0x0156	342		UIO sensor port 1 temperature in deg F	1	UINT16			°F	
40344	0x0157	343		UIO sensor port 1 maximum temperature threshold in deg F	1	UINT16			°F	
40345	0x0158	344		UIO sensor port 1 minimum temperature threshold in deg F	1	UINT16			°F	
40346	0x0159	345		Reserved for future use	39					
40385	0x0180	384		UIO sensor port 1 temperature	1	UINT16			°C	
40386	0x0181	385		UIO sensor port 1 maximum temperature threshold	1	UINT16			°C	
40387	0x0182	386		Reserved for future use	2					
40389	0x0184	388		UIO sensor port 1 minimum temperature threshold	1	UINT16			°C	
40390	0x0185	389		Reserved for future use	2					
40392	0x0187	391		UIO sensor port 1 humidity	1	UINT16			%	
40393	0x0188	392		UIO sensor port 1 maximum humidity threshold	1	UINT16			%	
40394	0x0189	393		Reserved for future use	2					
40396	0x018B	395		UIO sensor port 1 minimum humidity threshold	1	UINT16			%	
40397	0x018C	396		Reserved for future use	20					
40417	0x01A0	416		UPS manufacturere name	10	ASCII				
40427	0x01AA	426		UPS product name	8	ASCII				
40435	0x01B2	434		UPS model number	8	ASCII				
40443	0x01BA	442		UPS serial number	8	ASCII				
40451	0x01C2	450		Reserved for future use	71					
40522	0x0209	521		Nominal output apparent power	1	UINT16			kVA	
40523	0x020A	522		Reserved for future use	9					
40532	0x0213	531		Nominal battery voltage	1	UINT16			Volts	