Read func	Write func	Address	Change	HMI read	HMI Write	Labels	Description		Read/Write	Format	Size	Gain	Offset	Variable Type	Unit	Module	Feature	AddressTrace	Filter String	Default value
0x04		30030	Added	YES	NO	Bypass frequency	Bypass frequency phase A		Read-Only	unsigned int	2	0.1	0	Direct	Hz	Bypass AC	Measurements			NA
0x04		30005	Added	YES	NO	Input current phase A	Input current phase A		Read-Only	unsigned int	2	0.1	0	Direct	A	PFC	Measurements			NA
0x04		30006	Added	YES	NO	Input current phase B	Input current phase B		Read-Only	unsigned int	2	0.1	0	Direct	A	PFC	Measurements			NA
0x04		30007	Added	YES	NO	Input current phase C	Input current phase C		Read-Only	unsigned int	2	0.1	0	Direct	A	PFC	Measurements			NA
0x04		30004	Added	YES	NO	Input freq.	Input frequency		Read-Only	unsigned int	2	0.1	0	Direct	Hz	PFC	Measurements			NA
0x04		30008	Added	YES	NO	Input PF_A	Input Power factor phase A		Read-Only	unsigned int	2	0.001	0	Direct	/	PFC	Measurements			NA
0x04		30009	Added	YES	NO	Input PF_B	Input Power factor phase B		Read-Only	unsigned int	2	0.001	0	Direct	/	PFC	Measurements			NA
0x04		30010	Added	YES	NO	Input PF_C	Input Power factor phase C		Read-Only	unsigned int	2	0.001	0	Direct	/	PFC	Measurements			NA
0x04		30015	Added	YES	NO	Output current phase A	Output current phase A		Read-Only	unsigned int	2	0.1	0	Direct	A	Inverter	Measurements			NA
0x04		30016	Added	YES	NO	Output current phase B	Output current phase B		Read-Only	unsigned int	2	0.1	0	Direct	A	Inverter	Measurements			NA
0x04		30017	Added	YES	NO	Output current phase C	Output current phase C		Read-Only	unsigned int	2	0.1	0	Direct	A	Inverter	Measurements			NA
0x04		30014	Added	YES	NO	Output frequency	Output frequency		Read-Only	unsigned int	2	0.1	0	Direct	Hz	Inverter	Measurements			NA
0x04		30047	Added	YES	NO	Output kVA phase A	Output kVA phase A		Read-Only	unsigned int	2	0.1	0	Direct	kVA	Load	Measurements			NA
0x04		30048	Added	YES	NO	Output kVA phase B	Output kVA phase B		Read-Only	unsigned int	2	0.1	0	Direct	kVA	Load	Measurements			NA
0x04		30049	Added	YES	NO	Output kVA phase C	Output kVA phase C		Read-Only	unsigned int	2	0.1	0	Direct	kVA	Load	Measurements			NA
0x04		30018	Added	YES	NO	Output kW phase A	Output kW phase A		Read-Only	unsigned int	2	0.1	0	Direct	kW	Load	Measurements			NA
0x04		30019	Added	YES	NO	Output kW phase B	Output kW phase B		Read-Only	unsigned int	2	0.1	0	Direct	kW	Load	Measurements			NA
0x04		30020	Added	YES	NO	Output kW phase C	Output kW phase C		Read-Only	unsigned int	2	0.1	0	Direct	kW	Load	Measurements			NA
0x04		30021	Added	YES	NO	Load rating phase A	Load percent phase A		Read-Only	unsigned int	2	1	0	Direct	%	Load	Measurements			NA
0x04		30022	Added	YES	NO	Load rating phase B	Load percent phase B		Read-Only	unsigned int	2	1	0	Direct	%	Load	Measurements			NA
0x04		30023	Added	YES	NO	Load rating phase C	Load percent phase C		Read-Only	unsigned int	2	1	0	Direct	%	Load	Measurements			NA
0x04		30024	Added	YES	NO	Output A phase load peak ratio	Output A phase load peak ratio		Read-Only	unsigned int	2	0.01	0	Direct	/	Load	Measurements			NA
0x04		30025	Added	YES	NO	Output B phase load peak ratio	Output B phase load peak ratio		Read-Only	unsigned int	2	0.01	0	Direct	/	Load	Measurements			NA
0x04		30026	Added	YES	NO	Output C phase load peak ratio	Output C phase load peak ratio		Read-Only	unsigned int	2	0.01	0	Direct	/	Load	Measurements			NA
0x04		30040	Added	YES	NO	Ambient temperature	Ambient temperature		Read-Only	unsigned int	2	0.1	0	Direct	°C	UPS General	Measurements			NA
0x04		30031	Added	YES	NO	Battery voltage positive	Battery voltage positive		Read-Only	unsigned int	2	0.1	0	Direct	V	Battery	Measurements			NA
0x04		30032	Added	YES	NO	Battery voltage negative	Battery voltage negative		Read-Only	unsigned int	2	0.1	0	Direct	V	Battery	Measurements			NA
0x04		30033	Added	YES	NO	Positive battery discharge current	Positive battery discharge current		Read-Only	unsigned int	2	0.1	0	Direct	A	Battery	Measurements			NA
0x04		30034	Added	YES	NO	Negative battery discharge current	Negative battery discharge current		Read-Only	unsigned int	2	0.1	0	Direct	A	Battery	Measurements			NA
0x04		30035	Added	YES	NO	Positive battery charging current	Positive battery charging current		Read-Only	unsigned int	2	0.1	0	Direct	A	Battery	Measurements			NA
0x04		30036	Added	YES	NO	Negative battery charging current	Negative battery charging current		Read-Only	unsigned int	2	0.1	0	Direct	A	Battery	Measurements			NA
0x04		30039	Added	YES	NO	Battery temp.	Battery temperature		Read-Only	unsigned int	2	0.1	0	Direct	°C	Battery	Measurements			NA
0x04		30038	Added	YES	NO	Battery remain time	Battery backup time		Read-Only	unsigned int	2	1	0	Direct	Min	Battery	Measurements			NA
0x04		30037	Added	YES	NO	Battery capacity rate	Battery capacity		Read-Only	unsigned int	2	1	0	Direct	%	Battery	Measurements			NA
0x04		30050	Added	YES	NO	Input AB line voltage	Input AB line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	PFC	Measurements			NA
0x04		30051	Added	YES	NO	Input BC line voltage	Input BC line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	PFC	Measurements			NA
0x04		30052	Added	YES	NO	Input CA line voltage	Input CA line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	PFC	Measurements			NA
0x04		30053	Added	YES	NO	Bypass AB line voltage	Bypass AB line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	Bypass AC	Measurements			NA
0x04		30054	Added	YES	NO	Bypass BC line voltage	Bypass BC line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	Bypass AC	Measurements			NA
0x04		30055	Added	YES	NO	Bypass CA line voltage	Bypass CA line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	Bypass AC	Measurements			NA
0x04		30056	Added	YES	NO	Output AB line voltage	Output AB line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	Inverter	Measurements			NA
0x04		30057	Added	YES	NO	Output BC line voltage	Output BC line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	Inverter	Measurements			NA
0x04		30058	Added	YES	NO	Output CA line voltage	Output CA line voltage		Read-Only	unsigned int	2	0.1	0	Direct	V	Inverter	Measurements			NA
0x04		30071	Added	YES	NO	UPS system status	UPS current running status		Read-Only	unsigned int	2	1	0	Direct	/	UPS General	Measurements			NA
0x04		30072	Added	YES	NO	Monitor Status1	See Table 4.3.13 for details		Read-Only	unsigned int	2	1	0	Direct	/	UPS General	Measurements			
0x04		30073	Added	YES	NO	Monitor Alarm1	See Table 4.3.14 for details		Read-Only	unsigned int	2	1	0	Direct	/	UPS General	Measurements			
0x04		30075	Added	YES	NO	Monitor Alarm2	See Table 4.3.15 for details		Read-Only	unsigned int	2	1	0	Direct	/	UPS General	Measurements			
0x04		30076	Added	YES	NO	Module online status1	High word, use a 32bits of data to represent the all 32 module, bit0 Representative Mod		Read-Only	unsigned int	2	1	0	Direct	/	UPS General	Measurements			
0x04		30077	Added	YES	NO	Module online status2	Low word, uses 32bits of data to represent the all 32 module, bit0 Representative Modu		Read-Only	unsigned int	2	1	0	Direct	/	UPS General	Measurements			
0x04		30078	Added	YES	NO	ECU online status	High Byte effect,uses 16bits of data to represent the all 16 module, bit0 Representative		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31001	Added	YES	NO	ECU1 status info 1	High word D16-D31, See Table 4.3.7 for details		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31002	Added	YES	NO	ECU1 status info 2	Low word D0-D15, See Table 4.3.7 for details		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31003	Added	YES	NO	ECU1 alarm info1	High word D16-D31, See Table 4.3.8 for details		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31004	Added	YES	NO	ECU1 alarm info2	Low word D0-D15, See Table 4.3.8 for details		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31005	Added	YES	NO	ECU1 failure info1	D48-D63,See Table 4.3.9 for datails		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31006	Added	YES	NO	ECU1 failure info2	D32-D47,See Table 4.3.9 for datails		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31007	Added	YES	NO	ECU1 failure info3	D16-D31,See Table 4.3.9 for datails		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31008	Added	YES	NO	ECU1 failure info4	D0-D15,See Table 4.3.9 for datails		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31041	Added	YES	NO	ECU1 DSP version Vxxx	ECU1 DSP version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31042	Added	YES	NO	ECU1 DSP version Bxxx	ECU1 DSP version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31043	Added	YES	NO	ECU1 DSP version Dxxx	ECU1 DSP version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31044	Added	YES	NO	ECU1 CPLD version Vxxx	ECU1 CPLD version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31045	Added	YES	NO	ECU1 CPLD version Bxxx	ECU1 CPLD version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31046	Added	YES	NO	ECU1 CPLD version Dxxx	ECU1 CPLD version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	ECU	Measurements			
0x04		31201	Added	YES	NO	Module1 REC status info1	High word,See Table 4.3.1 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31202	Added	YES	NO	Module1 REC status info2	Low word,See Table 4.3.1 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31203	Added	YES	NO	Module1 REC alarm info1	High word,seeTable 4.3.2 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31204	Added	YES	NO	Module1 REC alarm info2	Low word, see Table 4.3.2 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31205	Added	YES	NO	Module1 REC failure info1	D48-D63, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31206	Added	YES	NO	Module1 REC failure info2	D32-D47, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31207	Added	YES	NO	Module1 REC failure info3	D16-D31, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31208	Added	YES	NO	Module1 REC failure info4	D0-D15, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31232	Added	YES	NO	Module 1 REC DSP version Vxxx	Module 1 REC DSP version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31233	Added	YES	NO	Module 1 REC DSP version Bxxx	Module 1 REC DSP version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31234	Added	YES	NO	Module 1 REC DSP version Dxxx	Module 1 REC DSP version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31235	Added	YES	NO	Module 1 REC CPLD version Vxxx	Module 1 REC CPLD version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31236	Added	YES	NO	Module 1 REC CPLD version Bxxx	Module 1 REC CPLD version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31237	Added	YES	NO	Module 1 REC CPLD version Dxxx	Module 1 REC CPLD version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31251	Added	YES	NO	Module 1 INV status info1	High word, see Table 4.3.4 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31252	Added	YES	NO	Module 1 INV status info2	Low word,see table 4.3.4 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31253	Added	YES	NO	Module 1 INV alarm info1	High word, see Table 4.3.5 for detials		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31254	Added	YES	NO	Module 1 INV alarm info2	Low word, see Table 4.3.5 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31255	Added	YES	NO	Module 1 INV failure info1	D48-D63,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31256	Added	YES	NO	Module 1 INV failure info2	D32-D47,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31257	Added	YES	NO	Module 1 INV failure info3	D16-D31,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31258	Added	YES	NO	Module 1 INV failure info4	D0-D15,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31289	Added	YES	NO	Module 1 INV DSP version Vxxx	Module 1 INV DSP version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31290	Added	YES	NO	Module 1 INV DSP version Bxxx	Module 1 INV DSP version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31291	Added	YES	NO	Module 1 INV DSP version Dxxx	Module 1 INV DSP version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31292	Added	YES	NO	Module 1 INV CPLD version Vxxx	Module 1 INV CPLD version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31293	Added	YES	NO	Module 1 INV CPLD version Bxxx	Module 1 INV CPLD version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31294	Added	YES	NO	Module 1 INV CPLD version Dxxx	Module 1 INV CPLD version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31301	Added	YES	NO	Module 2 REC status info1	High word,See Table 4.3.1 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31302	Added	YES	NO	Module 2 REC status info2	Low word,See Table 4.3.1 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31303	Added	YES	NO	Module 2 REC alarm info1	High word,seeTable 4.3.2 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31304	Added	YES	NO	Module 2 REC alarm info2	Low word, see Table 4.3.2 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31305	Added	YES	NO	Module 2 REC failure info1	D48-D63, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31306	Added	YES	NO	Module 2 REC failure info2	D32-D47, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31307	Added	YES	NO	Module 2 REC failure info3	D16-D31, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31308	Added	YES	NO	Module 2 REC failure info4	D0-D15, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31332	Added	YES	NO	Module 2 REC DSP version Vxxx	Module 2 REC DSP version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31333	Added	YES	NO	Module 2 REC DSP version Bxxx	Module 2 REC DSP version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31334	Added	YES	NO	Module 2 REC DSP version Dxxx	Module 2 REC DSP version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31335	Added	YES	NO	Module 2 REC CPLD version Vxxx	Module 2 REC CPLD version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31336	Added	YES	NO	Module 2 REC CPLD version Bxxx	Module 2 REC CPLD version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31337	Added	YES	NO	Module 2 REC CPLD version Dxxx	Module 2 REC CPLD version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31351	Added	YES	NO	Module 2 INV status info1	High word, see Table 4.3.4 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31352	Added	YES	NO	Module 2 INV status info2	Low word,see table 4.3.4 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31353	Added	YES	NO	Module 2 INV alarm info1	High word, see Table 4.3.5 for detials		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31354	Added	YES	NO	Module 2 INV alarm info2	Low word, see Table 4.3.5 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31355	Added	YES	NO	Module 2 INV failure info1	D48-D63,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			

0x04		31356	Added	YES	NO	Module 2 INV failure info2	D32-D47,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31357	Added	YES	NO	Module 2 INV failure info1	D16-D31,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31358	Added	YES	NO	Module 2 INV failure info2	D0-D15,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31389	Added	YES	NO	Module 2 INV DSP version Vxxx	Module 2 INV DSP version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31390	Added	YES	NO	Module 2 INV DSP version Bxxx	Module 2 INV DSP version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31391	Added	YES	NO	Module 2 INV DSP version Dxxx	Module 2 INV DSP version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31392	Added	YES	NO	Module 2 INV CPLD version Vxxx	Module 2 INV CPLD version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31393	Added	YES	NO	Module 2 INV CPLD version Bxxx	Module 2 INV CPLD version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31394	Added	YES	NO	Module 2 INV CPLD version Dxxx	Module 2 INV CPLD version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31401	Added	YES	NO	Module 3 REC status info1	High word,See Table 4.3.1 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31402	Added	YES	NO	Module 3 REC status info2	Low word,See Table 4.3.1 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31403	Added	YES	NO	Module 3 REC alarm info1	High word,seeTable 4.3.2 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31404	Added	YES	NO	Module 3 REC alarm info2	Low word, see Table 4.3.2 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31405	Added	YES	NO	Module 3 REC failure info1	D48-D63, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31406	Added	YES	NO	Module 3 REC failure info2	D32-D47, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31407	Added	YES	NO	Module 3 REC failure info3	D16-D31, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31408	Added	YES	NO	Module 3 REC failure info4	D0-D15, see Table 4.3.3 for details		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31432	Added	YES	NO	Module 3 REC DSP version Vxxx	Module 3 REC DSP version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31433	Added	YES	NO	Module 3 REC DSP version Bxxx	Module 3 REC DSP version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31434	Added	YES	NO	Module 3 REC DSP version Dxxx	Module 3 REC DSP version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31435	Added	YES	NO	Module 3 REC CPLD version Vxxx	Module 3 REC CPLD version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31436	Added	YES	NO	Module 3 REC CPLD version Bxxx	Module 3 REC CPLD version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31437	Added	YES	NO	Module 3 REC CPLD version Dxxx	Module 3 REC CPLD version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	PFC	Measurements			
0x04		31451	Added	YES	NO	Module 3 INV status info1	High word, see Table 4.3.4 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31452	Added	YES	NO	Module 3 INV status info2	Low word,see table 4.3.4 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31453	Added	YES	NO	Module 3 INV alarm info1	High word, see Table 4.3.5 for detials		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31454	Added	YES	NO	Module 3 INV alarm info2	Low word, see Table 4.3.5 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31455	Added	YES	NO	Module 3 INV failure info1	D48-D63,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31456	Added	YES	NO	Module 3 INV failure info2	D32-D47,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31457	Added	YES	NO	Module 3 INV failure info3	D16-D31,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31458	Added	YES	NO	Module 3 INV failure info4	D0-D15,See Table 4.3.6 for details		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31489	Added	YES	NO	Module 3 INV DSP version Vxxx	Module 3 INV DSP version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31490	Added	YES	NO	Module 3 INV DSP version Bxxx	Module 3 INV DSP version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31491	Added	YES	NO	Module 3 INV DSP version Dxxx	Module 3 INV DSP version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31492	Added	YES	NO	Module 3 INV CPLD version Vxxx	Module 3 INV CPLD version Vxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31493	Added	YES	NO	Module 3 INV CPLD version Bxxx	Module 3 INV CPLD version Bxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x04		31494	Added	YES	NO	Module 3 INV CPLD version Dxxx	Module 3 INV CPLD version Dxxx		Read-Only	unsigned int	2	1	0	Direct	/	INV	Measurements			
0x2B		Read “M	Added	YES	NO	Monitor SW Version	Monitor Version		Read-Only	string	12	1	0	Direct	/	UPS General	Measurements			NA
0x2B		Read “M	Added	YES	NO	Rectifier SW Version	Rectifier Version		Read-Only	unsigned int	24	1	0	Direct	/	UPS General	Measurements			NA
0x2B		Read “M	Added	YES	NO	Inverter SW Version	Inverter Version		Read-Only	unsigned int	24	1	0	Direct	/	UPS General	Measurements			NA
0x2B		Read “M	Added	YES	NO	ECU SW Version	ECU Version		Read-Only	unsigned int		1	0	Direct	/	UPS General	Measurements			NA
0x03	0x06	20002	Added	YES	YES	INV OFF	INV OFF(Include signal off and parallel off)		Write-Only	unsigned int	2	1	0	Choice	/	UPS General	Command	0	Settings/INV	0
0x03	0x10	40002	Added	YES	NO	Parallel ID	Set ID for UPS cabitnet in the parallel		Read-Write	int	2	1	0	Limit	/	UPS General	Settings	1		0
0x03	0x10	40004	Added	YES	Partial YES(Parallel	Operation mode	UPS type:Single: A Single UPS which operates in DOUBLE CONVERSION mode. The		Read-Write	int	2	1	0	Choice	/	UPS General	Settings	2		0
0x03	0x10	40005	Added	YES	YES	Output voltage	Output rated voltage - Inverter phase to neutral operating voltage.		Read-Write	int	2	1	0	Choice	V	Inverter	Settings	2		230
0x03	0x10	40006	Added	YES	YES	Output frequency	Output frequency grand		Read-Write	int	2	1	0	Choice	Hz	Inverter	Settings	2		50
0x03	0x10	40007	Added	YES	NO	Number of parallel UPSs	The total number of UPS in the system.		Read-Write	int	2	1	0	Limit	/	UPS General	Settings	2		2
0x03	0x10	40008	Added	YES	NO	Number of par. redundant UPSs	Parallel redundant number		Read-Write	int	2	1	0	Limit	/	UPS General	Settings	2		0
0x03	0x10	40014	Added	YES	YES	Output voltage compensation	Inverter output voltage trimming		Read-Write	int	2	1	0	Limit	‰	UPS General	Settings	2		0
0x03	0x10	40015	Added	YES	YES	Battery blocks per string	Number of battery blocks in string.		Read-Write	int	2	1	0	Limit	/	Battery	Settings	2		32
0x03	0x10	40017	Added	YES	YES	Number of battery strings	Number of battery parallel groups		Read-Write	int	2	1	0	Limit	/	UPS General	Settings	2		1
0x03	0x10	40021	Added	YES	YES	Battery block capacity (Ah):	The rated capacity（AH） of a single battery		Read-Write	int	2	1	0	Limit	AH	Battery	Settings	2		65
0x03	0x10	40023	Added	YES	YES	Maximum charge current	The maximum charge current rate for charger		Read-Write	int	2	0.01	0	Limit	/	Battery	Settings	2		10
0x03	0x10	40027	Added	YES	YES	Monitor status control	Monitor status control		Read-Write	bitwise	2	/	0	Choice	/	UPS General	Settings	2		1
0x03	0x10	40028	Added	YES	YES	Batt. temperature compensation	Battery temperature compensate		Read-Write	int	2	1	0	Limit	mV/Cell/℃	Battery	Settings	2		3
0x03	0x10	40031	Added	YES	YES	System time setting(Year-Mon)	System time setting(Year-Mon)		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	2	Settings/Date & Time	0
0x03	0x10	40032	Added	YES	YES	System time setting(Day-Hour)	System time setting(Day-Hour)		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	2	Settings/Date & Time	0
0x03	0x10	40033	Added	YES	YES	System time setting(Min-Sec)	System time setting(Min-Sec)		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	2	Settings/Date & Time	0
0x03	0x10	40035	Added	YES	YES	Device ID (Modbus ID)	Device communation ID		Read-Write	int	2	1	0	Limit	/	UPS General	Settings	3		1
0x03	0x10	40103	Added	YES	YES	Control command 3	Detailed definition refers to the Modbus protocol		Read-Write	bitwise	2	/	0	Choice	/	UPS General	Settings	3	Settings/Control command	0
0x03	0x10	40104	Added	YES	YES	Baud rate	Baud rate for 485 or 232		Read-Write	int	2	1	0	Choice	/	UPS General	Settings	3		0
0x03	0x10	40106	Added	YES	NO	UPS power rating	UPS power rating		Read-Write	int	2	0.1	0	Limit	kVA	UPS General	Settings	3		500
0x03	0x10	40107	Added	YES	NO	Power block technical rating	Power block technical rating		Read-Write	int	2	0.1	0	Limit	kVA	UPS General	Settings	3		500
0x03		40110	Added	YES	NO	Output power factor	Read-only，generated by hardware		Read-Only	int	2	0.01	0	Limit		UPS General	Read			90
0x03		40111	Added	YES	NO	UPS rating	Read-only，generated by hardware		Read-Only	int	2	0.1	0	Limit	kVA	UPS General	Read			500
0x03		40112	Added	YES	NO	Power block derated	Read-only，generated by hardware		Read-Only	int	2	0.1	0	Limit	kVA	UPS General	Read			500
0x03	0x10	20004	Added	YES	YES	Clear Alarms	Alarm Clear		Write-Only	int	2	/	0	Choice	/	UPS General	Command			NA
0x03	0x10	40051	Added	YES	NO	Capacity of run logs number(High word)	See table 1 and table 2 to Read run log		Read-Only	unsigned int	2	/	0	Direct	/	UPS General	Record			NA
0x03	0x10	40052	Added	YES	NO	Capacity of run logs number(Low word)			Read-Only	unsigned int	2	/	0	Direct	/	UPS General	Record			NA
0x03	0x10	40053	Added	YES	NO	Total number of run log entries(High word)			Read-Write	unsigned int	2	/	0	Direct	/	UPS General	Record			NA
0x03	0x10	40054	Added	YES	NO	Total number of run log entries(Low word)/Log cle	Write 0 to Clear all logs		Read-Write	unsigned int	2	/	0	Direct	/	UPS General	Record/Setting			NA
0x03	0x10	40055	Added	YES	NO	Run Log index point(High word)			Read-Only	unsigned int	2	/	0	Direct	/	UPS General	Record			NA
0x03	0x10	40056	Added	YES	NO	Run Log index point(Low word)			Read-Only	unsigned int	2	/	0	Direct	/	UPS General	Record			NA
0x03	0x10	40057	Added	YES	NO	Capacity of set logs number	See table 1 and table 2 to Read set log		Read-Only	unsigned int	2	/	0	Direct	/	UPS General	Record/Setting			NA
0x03	0x10	40058	Added	YES	NO	Total number of set log entries			Read-Write	unsigned int	2	/	0	Direct	/	UPS General	Record			NA
0x03	0x10	40059	Added	YES	NO	Set Log index point			Read-Only	unsigned int	2	/	0	Direct	/	UPS General	Record			NA
0x03	0x06	20001	Added	YES	YES	Inverter ON	INV ON(Include signal on and parallel on)		Write-Only	unsigned int	2	1	0	Choice	/	UPS General	Command			
0x03	0x06	20003	Added	YES	YES	Battery self-test	是不是电池测试的？若是，可读可写(立即电池自检命令)		Write-Only	unsigned int	2	1	0	Limit	/	UPS General	Command			
0x03	0x10	40201	Added	YES	YES	Output dry contact 1 set	D15:I/O Func 0:Open 1:Close		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	4	Settings/ Contacts & relays	0
0x03	0x10	40202	Added	YES	YES	Output dry contact 2 set	D14~D8:Delay 0~127s		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	4	Settings/ Contacts & relays	0
0x03	0x10	40203	Added	YES	YES	Output dry contact 3 set	D7~D0: Func 0~255：Details are as follows		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	4	Settings/ Contacts & relays	0
0x03	0x10	40204	Added	YES	YES	Output dry contact 4 set	0:OFF		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	4	Settings/ Contacts & relays	0
0x03	0x10	40221	Added	YES	YES	Input dry contact 1 set	D15:I/O Func 0:Open 1:Close		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	5	Settings/ Contacts & relays	0
0x03	0x10	40222	Added	YES	YES	Input dry contact 2 set	D14~D8:Delay 0~127s		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	5	Settings/ Contacts & relays	0
0x03	0x10	40223	Added	YES	YES	Input dry contact 3 set	D7~D0: Func 0~255：Details are as follows		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	5	Settings/ Contacts & relays	0
0x03	0x10	40224	Added	YES	YES	Input dry contact 4 set	0:OFF		Read-Write	bitwise	2	1	0	Limit	/	UPS General	Settings	5	Settings/ Contacts & relays	0
0x03	0x10	53020	Added	YES	NO	UPS Type Setting 1(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53021	Added	YES	NO	UPS Type Setting 2(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53022	Added	YES	NO	UPS Type Setting 3(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53023	Added	YES	NO	UPS Type Setting 4(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53024	Added	YES	NO	UPS Type Setting 5(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53025	Added	YES	NO	UPS Type Setting 6(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53026	Added	YES	NO	UPS Type Setting 7(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53027	Added	YES	NO	UPS Type Setting 8(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53028	Added	YES	NO	UPS Type Setting 9(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53029	Added	YES	NO	UPS Type Setting 10(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53030	Added	YES	NO	UPS Type Setting 11(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53031	Added	YES	NO	UPS Type Setting 12(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53032	Added	YES	NO	UPS Type Setting 13(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53033	Added	YES	NO	UPS Type Setting 14(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53034	Added	YES	NO	UPS Type Setting 15(Unicode coding)	a register just discribe one character，Unicode coding		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	7	Maintenance/Change serial number?	?
0x03	0x10	53040	Added	YES	NO	Serial Number Setting 1(ASCII)	This register is set to 2 characters. A total of 8 bytes is used for 16 characters.		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	8	Maintenance/Change serial number?	?
0x03	0x10	53041	Added	YES	NO	Serial Number Setting 2(ASCII)	This register is set to 2 characters. A total of 8 bytes is used for 16 characters.		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	8	Maintenance/Change serial number?	?
0x03	0x10	53042	Added	YES	NO	Serial Number Setting 3(ASCII)	This register is set to 2 characters. A total of 8 bytes is used for 16 characters.		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	8	Maintenance/Change serial number?	?
0x03	0x10	53043	Added	YES	NO	Serial Number Setting 4(ASCII)	This register is set to 2 characters. A total of 8 bytes is used for 16 characters.		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	8	Maintenance/Change serial number?	?
0x03	0x10	53044	Added	YES	NO	Serial Number Setting 5(ASCII)	This register is set to 2 characters. A total of 8 bytes is used for 16 characters.		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	8	Maintenance/Change serial number?	?
0x03	0x10	53045	Added	YES	NO	Serial Number Setting 6(ASCII)	This register is set to 2 characters. A total of 8 bytes is used for 16 characters.		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	8	Maintenance/Change serial number?	?
0x03	0x10	53046	Added	YES	NO	Serial Number Setting 7(ASCII)	This register is set to 2 characters. A total of 8 bytes is used for 16 characters.		Read-Write	string	2	1	0	Direct	/	UPS General	Settings	8	Maintenance/Change serial number?	?
0x03	0x10	51185	Added	YES	YES	Air filter maintenance cycle	Dust filter maintenance cycle		Read-Write	unsigned int	2	1	0	Choice	Month	Installation	LCM			3months
0x03	0x10	51195	Added	YES	YES	Air filter maintenance time	Dust filter running time		Read-Write	unsigned int	2	1	0	Direct	Day	Installation	LCM			0day
0x03	0x10	51196	Added	YES	NO	Battery running time	Battery running time		Read-Write	unsigned int	2	1	0	Direct	Day	Installation	LCM			0day
0x02		10002	Added	YES	NO	UOB	Output Switch		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	1		0

0x02		10003	Added	YES	NO	MBB	Manu-Bypass Switch		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	1		0
0x02		10008	Added	YES	NO	ECO	ECO		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10010	Added	YES	NO	Battery self-test	Battery Test		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10011	Added	YES	NO	Battery charge	Battery charge		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10012	Added	YES	NO	Positive boost charge	P-Battery Boost Charging		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10013	Added	YES	NO	Negative boost charge	N-Battery Boost Charging		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10014	Added	YES	NO	Rectifier Staus	Rectifier Staus		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10015	Added	YES	NO	Rectifier overcurrent	Rectifier Over Current		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10016	Added	YES	NO	Input Supply Power Status	Input Supply Power Status		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10017	Added	YES	NO	Input Supply Power Mode	Input Supply Power Mode		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10020	Added	YES	NO	Inverter output	UPS Supply Power Status1		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10021	Added	YES	NO	Bypass operation	UPS Supply Power Status2		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10022	Added	YES	NO	Transfer to bypass with break	Transfer to bypass with break		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10023	Added	YES	NO	UPS shutdown with load drop	INV. Off coming to PowerOff		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10026	Added	YES	NO	Load over INV capacity	Load over INV capacity		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10027	Added	YES	NO	INV overload shutdown	INV overload shutdown		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10031	Added	YES	NO	Max transfers to bypass	Transfer Times-out		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10032	Added	YES	NO	REC EPO	Rectifier EPO		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10033	Added	YES	NO	INV EPO	Inverter EPO		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10034	Added	YES	NO	ECU EPO	ECU EPO		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10037	Added	YES	NO	BB Status	BB Status		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	2		0
0x02		10065	Added	YES	NO	Rectifier inoperable	Rectifier fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10066	Added	YES	NO	Inverter inoperable	Inverter fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10067	Added	YES	NO	REC power supply lost	Auxiliary power fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10068	Added	YES	NO	Fan inoperable	Fan fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10069	Added	YES	NO	Input SCR inoperable	Input SCR inoperable		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10070	Added	YES	NO	INV relay short circuit	INV relay short circuit		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10071	Added	YES	NO	Bypass SCR shorted	Bypass SCR shorted		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10072	Added	YES	NO	INV fuse blown	INV fuse blown		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10073	Added	YES	NO	DC voltage incorrect	DC voltage incorrect		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10074	Added	YES	NO	REC cannot initialize	REC cannot initialize		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10075	Added	YES	NO	Charger SCR broken	Charger SCR broken		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10076	Added	YES	NO	Charger inoperable	Charger fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10077	Added	YES	NO	Parallel alarm	Parallel alarm, include module pallel and cabinet pallel alarm		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10079	Added	YES	NO	DC component inoperable	DC component over limit		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10080	Added	YES	NO	Input phases reversed	Mains Site Wiring Fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10081	Added	YES	NO	N missing on input	Input Neutral line missing		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10082	Added	YES	NO	Bypass phases reversed	Bypass Site Wiring Fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10083	Added	YES	NO	Batt. polarity reversed	Batt. polarity reversed		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10084	Added	YES	NO	No battery connected	No battery connected		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10085	Added	YES	NO	Backfeed on bypass	Feedback protection		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10088	Added	YES	NO	Inverter overload	Inverter overload		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10089	Added	YES	NO	Parallel Overload	Parallel Overload		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10090	Added	YES	NO	Battery voltage low	Battery under voltage		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10091	Added	YES	NO	Battery overvoltage	Battery over voltage		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10092	Added	YES	NO	Low battery warning	Battery low pre-warning		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10093	Added	YES	NO	Input freq. out of tol.	Mains freq. abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10094	Added	YES	NO	Input volt. out of tol.	Mains volt. abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10095	Added	YES	NO	Bypass out of sync	Bypass unable to trace		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10096	Added	YES	NO	Bypass out of tol.	Bypass Not Available		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10098	Added	YES	NO	LBS communication lost	LBS Not Synchronized		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10099	Added	YES	NO	Inverter out of sync	System Not Synchronized		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10102	Added	YES	NO	Rectifier overtemp.	Rectifier over temperature		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10103	Added	YES	NO	REC par. cable abnormal	REC par. cable abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10104	Added	YES	NO	Rectifier overcurrent	Rectifier overcurrent		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10105	Added	YES	NO	Discharger SCR broken	Discharger SCR broken		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10106	Added	YES	NO	Fan supply inoperable	Rectifier fan power supply fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10107	Added	YES	NO	Charger overtemp.	Charger overtemp.		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10108	Added	YES	NO	Soft-start inoperable	Soft-start failue		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10109	Added	YES	NO	PFC communication lost	Recitifer internal communication fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10110	Added	YES	NO	REC block not connected	Rectifier access fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10111	Added	YES	NO	INV IGBT short circuit	Inverter bridge conduct		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10112	Added	YES	NO	INV relay damaged	Inverter relay open circuit		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10113	Added	YES	NO	INV par. cable damaged	Inverter bus fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10114	Added	YES	NO	Short circuit on output	Output short circuit		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10115	Added	YES	NO	INV comm not initialize	Inverter Internal communication fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10116	Added	YES	NO	INV cannot initialize	Inverter initialize fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10117	Added	YES	NO	INV block not connected	Inverter access fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10118	Added	YES	NO	INV supply inoperable	INV supply inoperable		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10119	Added	YES	NO	INV overtemperature	Inverter overtemperature		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10120	Added	YES	NO	UPS mode incorrect	UPS mode incorrect		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10121	Added	YES	NO	Parallel cable damaged	Parallel cable damaged		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10122	Added	YES	NO	ECU unavailable	ECU access fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10123	Added	YES	NO	ECU supply inoperable	ECU power supply fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10124	Added	YES	NO	ECU communication not initializing	ECU internal communication fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10125	Added	YES	NO	ECU cannot initialize	ECU initialize fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10126	Added	YES	NO	Bypass SCR broken	ECU bypass thyristor disconnect		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10127	Added	YES	NO	Bypass overtemperature	ECU bypass overtemperature		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10128	Added	YES	NO	CT on output reversed	Output current CT reverse(fault)		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10139	Added	YES	NO	REC communication lost	Rectifier internal communication fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10140	Added	YES	NO	Input unavailable	No AC		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10141	Added	YES	NO	REC setting incorrect	REC setting incorrect		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10142	Added	YES	NO	INV par. cable abnormal	INV par. cable abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10143	Added	YES	NO	INV communication lost	Inverter internal communication abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10144	Added	YES	NO	INV settings incorrect	Inverter parameter setting abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10146	Added	YES	NO	Power block qty. wrong	Power block qty. wrong		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10147	Added	YES	NO	Bypass overload	Bypass overload		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10148	Added	YES	NO	Incorrect use of MBB	Maintenance switch mis-operation		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10149	Added	YES	NO	ECU communication lost	ECU communication lost		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10150	Added	YES	NO	Par. cable abnormal	Par. cable abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10151	Added	YES	NO	ECU par. cable abnormal	ECU par. cable abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10152	Added	YES	NO	ECU inoperable	ECU inoperable		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10153	Added	YES	NO	ECU setting incorrect	ECU setting incorrect		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10154	Added	YES	NO	Parallel cable missing	Parallel cable missing		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10159	Added	YES	NO	Service recommended.	Service recommended.		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10161	Added	YES	NO	EEPROM inoperable	Monitor Eeprom fault		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10162	Added	YES	NO	RS485 sensor not connected	Batt. RS485 tempeatuere sensor not connect		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10163	Added	YES	NO	Batt temp.>45°C or <-20°C	Batt. NTC tempeatuere sensor abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10164	Added	YES	NO	Room temp.>40°C or <-20°C	Ambient NTC tempeatuere sensor abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10165	Added	YES	NO	Monitor CAN abnormal	Monitor CAN abnormal		Read-Only	bitwise	1	1	0	Status	/	UPS General	Fault			NA
0x02		10201	Added	YES	NO	Mains out of tol.	Input Voltage or frequence out of range		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	3		0
0x02		10202	Added	YES	NO	Battery voltage low	Battery voltage low		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	3		0
0x02		10203	Added	YES	NO	Bypass operation	Bypass Supply Power		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	3		0
0x02		10204	Added	YES	NO	UPS Important alarm	UPS generate alarm,include important alarm		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	3		0
0x02		10205	Added	YES	NO	INV output	INV supply power		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	3		0
0x02		10206	Added	YES	NO	UPS warning	include important alarm and general alarm		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	3		0
0x02		10207	Added	YES	NO	UPS over temperature	UPS over temperature,include:		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	3		0
0x02		10251	Added	YES	NO	External MBB status	External MBB status		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	4		0
0x02		10301	Added	YES	NO	External BB status	External BB		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	5		0
0x02		10302	Added	YES	NO	Batt breaker trip status	Battery breaker trip status		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	5		0
0x02		10303	Added	YES	NO	Backfeed on bypass status	Backfeed on bypass status		Read-Only	bitwise	1	1	0	Status	/	UPS General	Status	5		0
0x14		Read "E	Added	YES	NO	Read event log or set Log										UPS General	Direct			
0x2B		Read "M	Added	YES	NO	Get the Machine information										UPS General	Direct			