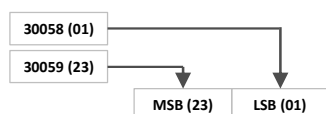


Modbus Parameters		Default
Mode:	RTU (LSB first, apply address offset of +1 for Function 3 Holding Registers)	
Baudrate:	300 / 600 / 1200 / 2400 / 4800 / 9600 / 19200 bps	9600
Data Bit:	8	
Stop Bits:	1 or 2	1
Parity:	None / Odd / Even	None
Functions:	3 / 4	
Scan Rate:	≤ 100mS	

FLOAT REVERSE WORD Data-structure example:

Start Register: 30058 - Total Active Energy (System) kWh
 Data Registers: 30058 = LSB (01), 30059 = MSB (23)
 FLOAT ordering = MSB.LSB (2301)



Register List										
Starting Address (Decimal)	Starting Register (Hex)	Parameter	Unit	Function	Read / Write	Length	Data structure	Range / Value	Default	
30000	0x00	Voltage V1-N	V	3	R	2	FLOAT REVERSE WORD	-	-	
30002	0x02	Voltage V2-N	V	3	R	2	FLOAT REVERSE WORD	-	-	
30004	0x04	Voltage V3-N	V	3	R	2	FLOAT REVERSE WORD	-	-	
30006	0x06	Average Voltage L-N	V	3	R	2	FLOAT REVERSE WORD	-	-	
30008	0x08	Voltage V1-2	V	3	R	2	FLOAT REVERSE WORD	-	-	
30010	0x0A	Voltage V2-3	V	3	R	2	FLOAT REVERSE WORD	-	-	
30012	0x0C	Voltage V3-1	V	3	R	2	FLOAT REVERSE WORD	-	-	
30014	0x0E	Average Voltage L-L	V	3	R	2	FLOAT REVERSE WORD	-	-	
30016	0x10	Current I1	A	3	R	2	FLOAT REVERSE WORD	-	-	
30018	0x12	Current I2	A	3	R	2	FLOAT REVERSE WORD	-	-	
30020	0x14	Current I3	A	3	R	2	FLOAT REVERSE WORD	-	-	
30022	0x16	Average Current	A	3	R	2	FLOAT REVERSE WORD	-	-	
30024	0x18	kW1	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30026	0x1A	kW2	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30028	0x1C	kW3	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30030	0x1E	kVA1	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30032	0x20	kVA2	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30034	0x22	kVA3	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30036	0x24	kVAr1	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30038	0x26	kVAr2	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30040	0x28	kVAr3	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30042	0x2A	Total kW	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30044	0x2C	Total kVA	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30046	0x2E	Total kVAr	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30048	0x30	PF1		3	R	2	FLOAT REVERSE WORD	-	-	
30050	0x32	PF2		3	R	2	FLOAT REVERSE WORD	-	-	
30052	0x34	PF3		3	R	2	FLOAT REVERSE WORD	-	-	
30054	0x36	Average PF		3	R	2	FLOAT REVERSE WORD	-	-	
30056	0x38	Frequency	Hz	3	R	2	FLOAT REVERSE WORD	-	-	
30058	0x3A	Import kWh	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30060	0x3C	Import kVAh	kVAh	3	R	2	FLOAT REVERSE WORD	-	-	
30062	0x3E	Import kVArh	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30064	0x40	Max Active Power	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30066	0x42	Min Active Power	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30068	0x44	Max Reactive Power	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30070	0x46	Min Reactive Power	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30072	0x48	Max Apparent Power	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30074	0x4A	Export kWh	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30076	0x4C	Export kVArh	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30132	0x84	Serial No.		3	R	2	HEX	-	-	
30134	0x86	Existing Max Active Power	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30136	0x88	Existing Min Active Power	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30138	0x8A	Existing Max Reactive Power	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30140	0x8C	Existing Min Reactive Power	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30142	0x8E	Existing Max Apparent Power	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
31000	0x3E8	Voltage V1-N	mV	3	R	2	HEX	-	-	
31002	0x3EA	Voltage V2-N	mV	3	R	2	HEX	-	-	
31004	0x3EC	Voltage V3-N	mV	3	R	2	HEX	-	-	
31006	0x3EE	Average Voltage L-N	mV	3	R	2	HEX	-	-	
31008	0x3F0	Voltage V1-2	mV	3	R	2	HEX	-	-	
31010	0x3F2	Voltage V2-3	mV	3	R	2	HEX	-	-	
31012	0x3F4	Voltage V3-1	mV	3	R	2	HEX	-	-	
31014	0x3F6	Average Voltage L-L	mV	3	R	2	HEX	-	-	
31016	0x3F8	Current I1	mA	3	R	2	HEX	-	-	
31018	0x3FA	Current I2	mA	3	R	2	HEX	-	-	
31020	0x3FC	Current I3	mA	3	R	2	HEX	-	-	
31022	0x3FE	Average Current	mA	3	R	2	HEX	-	-	
31024	0x400	kW1	W	3	R	2	HEX	-	-	
31026	0x402	kW2	W	3	R	2	HEX	-	-	
31028	0x404	kW3	W	3	R	2	HEX	-	-	
31030	0x406	kVA1	VA	3	R	2	HEX	-	-	
31032	0x408	IVA2	VA	3	R	2	HEX	-	-	
31034	0x40A	kVA3	VA	3	R	2	HEX	-	-	
31036	0x40C	kVAr1	VAr	3	R	2	HEX	-	-	
31038	0x40E	kVAr2	VAr	3	R	2	HEX	-	-	
31040	0x410	kVAr3	VAr	3	R	2	HEX	-	-	
31042	0x412	Total kW	W	3	R	2	HEX	-	-	
31044	0x414	Total kVA	VA	3	R	2	HEX	-	-	
31046	0x416	Total kVAr	VAr	3	R	2	HEX	-	-	
31048	0x418	PF1		3	R	1	HEX	-	-	
31049	0x419	PF2		3	R	1	HEX	-	-	

Starting Address (Decimal)	Starting Register (Hex)	Parameter	Unit	Function	Read / Write	Length	Data structure	Range / Value	Default
31050	0x41A	PF3		3	R	1	HEX	-	-
31051	0x41B	Average PF		3	R	1	HEX	-	-
31052	0x41C	Frequency	Hz	3	R	1	HEX	-	-
31054	0x41E	Import kWh	kW	3	R	3	HEX	-	-
31057	0x421	Import kVAh	VAh	3	R	3	HEX	-	-
31060	0x424	Import kVArh	Varh	3	R	3	HEX	-	-
31064	0x428	Max Active Power	W	3	R	2	HEX	-	-
31066	0x42A	Min Active Power	W	3	R	2	HEX	-	-
31068	0x42C	Max Reactive Power	VAr	3	R	2	HEX	-	-
31070	0x42E	Min Reactive Power	VAr	3	R	2	HEX	-	-
31072	0x430	Max Apparent Power	VA	3	R	2	HEX	-	-
31074	0x432	Export kWh	kW	3	R	3	HEX	-	-
31077	0x435	Export kVArh	Varh	3	R	3	HEX	-	-
31130	0x46A	kWh (Imp) RC	-	3	R	1	INT	Rollover Counter (RC) Increment when energy rollover from 9999999 to 0	0
31131	0x46B	kWh (Exp) RC	-	3	R	1	INT		0
31132	0c46C	kVArh (Imp) RC	-	3	R	1	INT		0
31133	0x46D	kCArh (Exp) RC	-	3	R	1	INT		0
31134	0x46E	kVAh RC	-	3	R	1	INT		0
40000	0x00	Password		4	R/W	1	INT	0000 - 9998	1000
40001	0x01	Network Selection		4	R	1	INT	0: 3P4W 1: 3P3W 2: 1P2W-P1	0
40002	0x02	CT Secondary	A	4	R	1	INT	1 - 5	5
40003	0x03	CT Primary	A	4	R	1	INT	CT Sec = 1: 1 - 6000 CT Sec = 5: 5 - 6000	5
40004	0x04	PT Secondary	V	4	R	1	INT	100 - 500	350
40005	0x05	PT Primary	V	4	R	2	INT	100 - 600	350
40007	0x07	Slave ID		4	R/W	1	INT	1 - 255	1
40008	0x08	Baud Rate	bps	4	R/W	1	INT	0: 300 1: 600 2: 1200 3: 2400 4: 4800 5: 9600 6: 19200	5
40009	0x09	Parity		4	R/W	1	INT	0: None 1: Odd 2: Even	0
40010	0x0A	Stop Bit		4	R/W	1	INT	0: 1 1: 2	0
40011	0x0B	Backlight OFF	sec	4	R/W	1	INT	0 - 7200	0
40016	0x10	Auto Mode Pages		4	R/W	1	INT	1 - 18	18
40017	0x11	Page Address Sequence		4	R/W	1	INT	1-21 / 1-First Page; 21-Last Page	1
40018	0x12	Page Address Sequence		4	R/W	1	INT	1-21 / 1-First Page; 21-Last Page	2
40019	0x13	Page Address Sequence		4	R/W	1	INT	1-21 / 1-First Page; 21-Last Page	3
40020	0x14	Page Address Sequence		4	R/W	1	INT	1-21 / 1-First Page; 21-Last Page	4
40021	0x15	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	5
40022	0x16	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	6
40023	0x17	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	7
40024	0x18	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	8
40025	0x19	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	9
40026	0x1A	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	10
40027	0x1B	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	11
40028	0x1C	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	12
40029	0x1D	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	13
40030	0x1E	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	14
40031	0x1F	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	15
40032	0x20	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	16
40033	0x21	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	17
40034	0x22	Demand Interval Method		4	R/W	1	INT	0: Sliding 1: Fixed	0
40035	0x23	Demand Interval Duration		4	R/W	1	INT	1 - 30	15
40036	0x24	Demand Interval Length	min	4	R/W	1	INT	1 - 30	1
40037	0x25	Reset Max kW		4	W	1	INT	1: Reset Max kW	-
40038	0x26	Reset Min kW		4	W	1	INT	1: Reset Min kW	-
40039	0x27	Reset Max kVA		4	W	1	INT	1: Reset Max kVA	-
40040	0x28	Reset Min kVA		4	W	1	INT	1: Reset Min kVA	-
40041	0x29	Reset Max kVA		4	W	1	INT	1: Reset Max kVA	-
40054	0x21	Page Address Sequence		4	R/W	1	INT	1-18 / 1-First Page; 18-Last Page	18