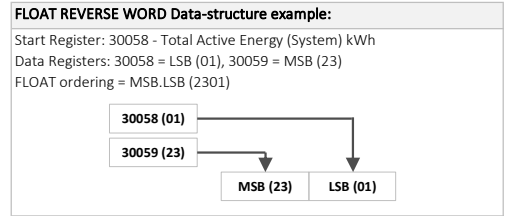


Modbus Parameters		Default
Mode:	RTU (LSB first, apply address offset of +1 for Function 3 Holding Registers)	
Baudrate:	300 / 600 / 1200 / 2400 / 4800 / 9600 / 19200 bps	9600
Data Bit:	8	
Stop Bits:	1 or 2	
Parity:	None / Odd / Even	1
Functions:	3 / 4	None
Scan Rate:	≤ 100mS	



Register List										
Starting Address (Decimal)	Starting Register (Hex)	Parameter	Channel (CH)	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	1	A	3	R	2	FLOAT REVERSE WORD	-	-
30018	0x12	Current I2	1	A	3	R	2	FLOAT REVERSE WORD	-	-
30020	0x14	Current I3	1	A	3	R	2	FLOAT REVERSE WORD	-	-
30022	0x16	Average Current	1	A	3	R	2	FLOAT REVERSE WORD	-	-
30024	0x18	kW1	1	kW	3	R	2	FLOAT REVERSE WORD	-	-
30026	0x1A	kW2	1	kW	3	R	2	FLOAT REVERSE WORD	-	-
30028	0x1C	kW3	1	kW	3	R	2	FLOAT REVERSE WORD	-	-
30030	0x1E	kVA1	1	kVA	3	R	2	FLOAT REVERSE WORD	-	-
30032	0x20	kVA2	1	kVA	3	R	2	FLOAT REVERSE WORD	-	-
30034	0x22	kVA3	1	kVA	3	R	2	FLOAT REVERSE WORD	-	-
30036	0x24	kVAr1	1	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30038	0x26	kVAr2	1	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30040	0x28	kVAr3	1	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30042	0x2A	Total kW	1	kW	3	R	2	FLOAT REVERSE WORD	-	-
30044	0x2C	Total kVA	1	kVA	3	R	2	FLOAT REVERSE WORD	-	-
30046	0x2E	Total kVAr	1	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30048	0x30	PF1	1		3	R	2	FLOAT REVERSE WORD	-	-
30050	0x32	PF2	1		3	R	2	FLOAT REVERSE WORD	-	-
30052	0x34	PF3	1		3	R	2	FLOAT REVERSE WORD	-	-
30054	0x36	Average PF	1		3	R	2	FLOAT REVERSE WORD	-	-
30056	0x38	Frequency	1	Hz	3	R	2	FLOAT REVERSE WORD	-	-
30058	0x3A	kWh	1	kWh	3	R	2	FLOAT REVERSE WORD	-	-
30062	0x3E	kVArh	1	kVArh	3	R	2	FLOAT REVERSE WORD	-	-
30064	0x40	kW Active Power	1	kW	3	R	2	FLOAT REVERSE WORD	-	-
30072	0x48	kVA Apparent Power	1	kVA	3	R	2	FLOAT REVERSE WORD	-	-
30132	0x84	Serial No.	-		3	R	2	HEX	-	-
30134	0x86	Existing kW Max Active Power	1	kW	3	R	2	FLOAT REVERSE WORD	-	-
30138	0x8A	Existing kVA Max Apparent Power	1	kVA	3	R	2	FLOAT REVERSE WORD	-	-
30150	0x96	kWh CH1	3	kWh	3	R	2	FLOAT REVERSE WORD	-	-
30152	0x98	kWh CH2	3	kWh	3	R	2	FLOAT REVERSE WORD	-	-
30154	0x9A	kWh CH3	3	kWh	3	R	2	FLOAT REVERSE WORD	-	-
30162	0xA2	kVArh CH1	3	kVArh	3	R	2	FLOAT REVERSE WORD	-	-
30164	0xA4	kVArh CH2	3	kVArh	3	R	2	FLOAT REVERSE WORD	-	-
30166	0xA6	kVArh CH3	3	kVArh	3	R	2	FLOAT REVERSE WORD	-	-
30174	0xAE	kW Max Active Power of CH1	3	kW	3	R	2	FLOAT REVERSE WORD	-	-
30176	0xB0	kW Max Active Power of CH2	3	kW	3	R	2	FLOAT REVERSE WORD	-	-
30178	0xB2	kW Max Active Power of CH3	3	kW	3	R	2	FLOAT REVERSE WORD	-	-
30186	0xBA	kVAr Max Apparrant Power of CH1	3	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30188	0xBC	kVAr Max Apparrant Power of CH2	3	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30190	0xBE	kVAr Max Apparrant Power of CH3	3	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30198	0xC6	Exiting kW Max Active Power of CH1	3	kW	3	R	2	FLOAT REVERSE WORD	-	-
30200	0xC8	Exiting kW Max Active Power of CH2	3	kW	3	R	2	FLOAT REVERSE WORD	-	-
30202	0xCA	Exiting kW Max Active Power of CH3	3	kW	3	R	2	FLOAT REVERSE WORD	-	-
30210	0xD2	Exiting kVAr Max Apparrant Power of CH1	3	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30212	0xD4	Exiting kVAr Max Apparrant Power of CH2	3	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
30214	0xD6	Exiting kVAr Max Apparrant Power of CH3	3	kVAr	3	R	2	FLOAT REVERSE WORD	-	-
31000	0x3E8	Voltage V1-N	-	V	3	R	2	HEX	-	-
31002	0x3EA	Voltage V2-N	-	V	3	R	2	HEX	-	-
31004	0x3EC	Voltage V3-N	-	V	3	R	2	HEX	-	-
31006	0x3EE	Average Voltage L-N	-	V	3	R	2	HEX	-	-
31008	0x3F0	Voltage V1-2	-	V	3	R	2	HEX	-	-
31010	0x3F2	Voltage V2-3	-	V	3	R	2	HEX	-	-
31012	0x3F4	Voltage V3-1	-	V	3	R	2	HEX	-	-
31014	0x3F6	Average Voltage L-L	-	V	3	R	2	HEX	-	-
31016	0x3F8	Current I1	1	A	3	R	2	HEX	-	-
31018	0x3FA	Current I2	1	A	3	R	2	HEX	-	-
31020	0x3FC	Current I3	1	A	3	R	2	HEX	-	-
31022	0x3FE	Average Current	1	A	3	R	2	HEX	-	-
31024	0x400	kW1	1	kW	3	R	2	HEX	-	-
31026	0x402	kW2	1	kW	3	R	2	HEX	-	-
31028	0x404	kW3	1	kW	3	R	2	HEX	-	-
31030	0x406	kVA1	1	kVA	3	R	2	HEX	-	-
31032	0x408	kVA2	1	kVA	3	R	2	HEX	-	-
31034	0x40A	kVA3	1	kVA	3	R	2	HEX	-	-
31036	0x40C	kVAr1	1	kVAr	3	R	2	HEX	-	-
31038	0x40E	kVAr2	1	kVAr	3	R	2	HEX	-	-
31040	0x410	kVAr3	1	kVAr	3	R	2	HEX	-	-
31042	0x412	Total kW	1	kW	3	R	2	HEX	-	-
31044	0x414	Total kVA	1	kVA	3	R	2	HEX	-	-
31046	0x416	Total kVAr	1	kVAr	3	R	2	HEX	-	-
31048	0x418	PF1	1		3	R	1	HEX	-	-
31049	0x419	PF2	1		3	R	1	HEX	-	-
31050	0x41A	PF3	1		3	R	1	HEX	-	-
31051	0x41B	Average PF	1		3	R	1	HEX	-	-

Starting Address (Decimal)	Starting Register (Hex)	Parameter	Channel (CH)	Unit	Function	Read / Write	Length	Data structure	Range / Value	Default
31052	0x41C	Frequency	1	Hz	3	R	1	HEX	-	-
31054	0x41E	kWh	1	kWh	3	R	3	HEX	-	-
31057	0x421	kVArh	1	kVArh	3	R	3	HEX	-	-
31064	0x428	kW Max Active Power	1	kW	3	R	3	HEX	-	-
31072	0x430	kVA Max Apparent Power	1	kVA	3	R	3	HEX	-	-
31150	0x47E	kWh CH1	3	kWh	3	R	3	HEX	-	-
31153	0x481	kWh CH2	3	kWh	3	R	3	HEX	-	-
31156	0x484	kWh CH3	3	kWh	3	R	3	HEX	-	-
31168	0x490	kVArh CH1	3	kWh	3	R	3	HEX	-	-
31171	0x493	kVArh CH2	3	kWh	3	R	3	HEX	-	-
31174	0x496	kVArh CH3	3	kWh	3	R	3	HEX	-	-
31186	0x4A2	kW Max Active Power of CH1	3	kWh	3	R	2	HEX	-	-
31188	0x4A4	kW Max Active Power of CH2	3	kWh	3	R	2	HEX	-	-
31190	0x4A6	kW Max Active Power of CH3	3	kWh	3	R	2	HEX	-	-
31198	0x4AE	kVAr Max Apparrant Power of CH1	3	kWh	3	R	2	HEX	-	-
31200	0x4B0	kVAr Max Apparrant Power of CH2	3	kWh	3	R	2	HEX	-	-
31202	0x4B2	kVAr Max Apparrant Power of CH3	3	kWh	3	R	2	HEX	-	-
31291	0x50B	kWh of CH1	3	-	3	R	1	INT	Rollover Counter (RC) Increment when energy rollover from 9999999 to 0	0
31292	0x50C	kWh of CH2	3	-	3	R	1	INT		0
31293	0x50D	kWh of CH3	3	-	3	R	1	INT		0
31294	0x50E	Total kWh	1 / 3	-	3	R	1	INT		0
31295	0x50F	kVArh of CH1	3	-	3	R	1	INT		0
31296	0x510	kVArh of CH2	3	-	3	R	1	INT		0
31297	0x511	kVArh of CH3	3	-	3	R	1	INT		0
31298	0x512	Total kVArh	1 / 3	-	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 2: 1P2W-P1 3: 1P2W-P2 4: 1P2W-P3	0
40002	0x02	CT Secondary	-	A	4	R	1	INT	1	1
40003	0x03	CT Primary	-	A	4	R	1	INT	1 - 6000	160
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
40012	0x0C	Factory Default	-		4	R/W	1	INT	1: Set to factory setting range	-
40013	0x0D	Reset kWh	-		4	R	1	INT	1: Reset Total Active Energy	-
40015	0x0F	Reset kVArh	-		4	R	1	INT	1: Reset Total Reactive Energy	-
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 of CT2	-		4	R/W	1	INT	1: Reset Max Active Power	-
40041	0x29	Reset Max kVA	-		4	R/W	1	INT	1: Reset Max Apparent Power	-
40057	0x39	Pulse Duration	-	mS	4	R/W	1	INT	50 - 300	200
40058	0x3A	Pulse Weight	-	kWh	4	R	1	INT	0.01 - 99.99	0.1
40059	0x3B	Pulse Weight	-	kWh	4	R	1	INT	0.01 - 99.99	0.1
40060	0x3C	No of Channel	-	-	4	R	1	INT	0: 1 CH 1: 3 CH	0