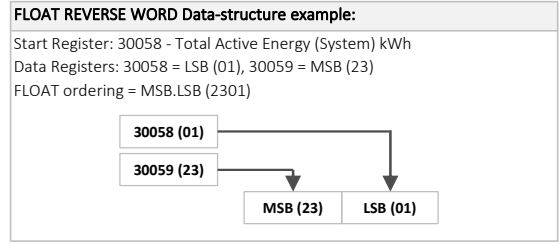


Modbus Parameters		Default
Mode:	RTU (LSB first, apply address offset of +1 for Function 3 Holding Registers)	
Baudrate:	300 / 600 / 1200 / 2400 / 4800 / 9600 / 19200 bps	9600
Data Bit:	8	
Stop Bits:	1 or 2	1
Parity:	None / Odd / Even	None
Functions:	3 / 4	
Scan Rate:	≤ 100mS	



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	kVAr1	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30032	0x20	kVAr2	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30034	0x22	kVAr3	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30036	0x24	kVA1	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30038	0x26	kVA2	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30040	0x28	kVA3	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30042	0x2A	Total kW	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30044	0x2C	Total kVAr	kVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30046	0x2E	Total kVA	kVA	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	Total Net kWh	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30060	0x3C	Total Net kVArh	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30062	0x3E	Total Net kVAh	kVAh	3	R	2	FLOAT REVERSE WORD	-	-	
30064	0x40	Max DMD Active Power	kW	3	R	2	FLOAT REVERSE WORD	-	-	
30066	0x42	Max DMD Reactive Power	KVAr	3	R	2	FLOAT REVERSE WORD	-	-	
30068	0x44	Max DMD Apparent Power	kVA	3	R	2	FLOAT REVERSE WORD	-	-	
30070	0x46	kWh1-Import	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30072	0x48	kWh2-Import	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30074	0x4A	kWh3-Import	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30076	0x4C	kWh1-Export	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30078	0x4E	kWh2-Export	kWh	3	R	2	HEX	-	-	
30080	0x50	kWh3-Export	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30082	0x52	Total kWh-Import	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30084	0x54	Total kWh-Export	kWh	3	R	2	FLOAT REVERSE WORD	-	-	
30086	0x56	KVArh1-Import	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30088	0x58	KVArh2-Import	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30090	0x5A	KVArh3-Import	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30092	0x5C	KVArh1-Export	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30094	0x5E	KVArh2-Export	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30096	0x60	KVArh3-Export	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30098	0x62	Total KVArh-Import	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30100	0x64	Total KVArh-Export	kVArh	3	R	2	FLOAT REVERSE WORD	-	-	
30102	0x66	KVAh-1	KVAh	3	R	2	FLOAT REVERSE WORD	-	-	
30104	0x68	KVAh-2	KVAh	3	R	2	FLOAT REVERSE WORD	-	-	
30106	0x6A	KVAh-3	KVAh	3	R	2	FLOAT REVERSE WORD	-	-	
40000	0x00	Password		4	R/W	1	INT	0000 - 9998	1000	
40001	0x01	Slave ID		4	R/W	3	INT	1-255	1	
40004	0x04	Network Selection		4	R/W	1	INT	0: 3P4W 1: 3P3W 2: 1P2W-P1 3: 1P2W-P2 4: 1P2W-P3	0	
40005	0x05	Demand Interval Method		4	R/W	1	INT	0 : Sliding 1 : Fixed	0	
40006	0x06	Demand Interval Length		4	R/W	1	INT	1-30	1	
40007	0x07	Demand Interval Duration		4	R/W	1	INT	1-30	1	
40008	0x08	POP2		4	R/W	1	INT	1 : Total VArh 2 : IP Wh 3 : EP Wh 4 : IP VArh 5 : EP VArh 6: Total Wh	1	

Starting Address (Decimal)	Starting Register (Hex)	Parameter	Unit	Function	Read / Write	Length	Data structure	Range / Value	Default
40009	0x09	Pulse Weight POP2	(pulses/kWh)	4	R/W	1	INT	0 : 1 1 : 10 2 : 100 3 : 1000	3
40010	0x0A	Pulse Duration	sec	4	R/W	1	INT	0.05-2	0.1
40011	0x0B	Baud Rate (bps)	bps	4	R/W	1	INT	0 : 2400 1 : 4800 2 : 9600 3 : 19200 4 : 38400	2
40012	0x0C	Parity		4	R/W	1	INT	0 : None 1 : Odd 2 : Even	0
40013	0x0D	Stop Bit		4	R/W	1	INT	0 : 1 1 : 2	0
40014	0x0E	Backlight Off (Sec)	sec	4	R/W	1	INT	0-7200	0
40015	0x0F	Factory Default		4	R/W	26	INT	1 : Set to factory setting range	1
40044	0x2C	Reset Max Demand		4	R/W	1	INT	1 : Reset Max Demand Power	1