IQ Power Sentinel

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
System ID	**1032**	**Vendor Name**	**32**	**ASCII**	**no-units**		
	1064	Model Name	32	ASCII	no-units		
	1096	Display Name	32	ASCII	no-units		
	1128	Device Type	32	ASCII	no-units		
	1605	Field Replaceable Unit	1	UINT16	no-units		
Status	3048	Device Online Status	1	UINT16	no-units		**Offline(3);Online(4)**
	3000	Status	1	UINT16	no-units		**Off(0);On(1);Not Used(2);Alarmed(3)**
	3001	Status Reason	1	UINT16	no-units		**Normal(0);Tally Error(1);EEPROM Error(2);RAM Error(3);ROM Error(4);Calibration Factor Error(5);Unknown Error(6);External RAM Error(7)**
Meters	4002	Vab	2	FLOAT	volts		
	4004	Vbc	2	FLOAT	volts		
	4006	Vca	2	FLOAT	volts		
	4010	Van	2	FLOAT	volts		
	4012	Vbn	2	FLOAT	volts		
	4014	Vcn	2	FLOAT	volts		
	5002	Ia	2	FLOAT	amperes		
	5004	Ib	2	FLOAT	amperes		
	5006	Ic	2	FLOAT	amperes		
	6000	**Real Power Phase A**	**2**	**FLOAT**	**watts**		
	6002	**Real Power Phase B**	**2**	**FLOAT**	**watts**		
	6004	**Real Power Phase C**	**2**	**FLOAT**	**watts**		
	6006	**Real Power**	**2**	**FLOAT**	**watts**		
	6064	Apparent Power Phase A	2	FLOAT	volt-amperes		
	6066	Apparent Power Phase B	2	FLOAT	volt-amperes		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	6068	**Apparent Power Phase C**	**2**	**FLOAT**	**volt-amperes**		
	6070	**Apparent Power**	**2**	**FLOAT**	**volt-amperes**		
	6128	**Reactive Power Phase A**	**2**	**FLOAT**	**volt-amperes-reactive**		
	6130	**Reactive Power Phase B**	**2**	**FLOAT**	**volt-amperes-reactive**		
	6132	Reactive Power Phase C	2	FLOAT	volt-amperes-reactive		
	6134	Reactive Power	2	FLOAT	volt-amperes-reactive		
	6206	PF Disp Phase A	2	FLOAT	power-factor		
	6208	PF Disp Phase B	2	FLOAT	power-factor		
	6210	PF Disp Phase C	2	FLOAT	power-factor		
	6212	PF App Phase A	2	FLOAT	power-factor		
	6214	PF App Phase B	2	FLOAT	power-factor		
	6216	PF App Phase C	2	FLOAT	power-factor		
	6218	PF Displacement	2	FLOAT	power-factor		
	6220	PF Apparent	2	FLOAT	power-factor		
	6396	5-Minute Average of Power	2	FLOAT	watts		
	7008	Net Real Energy	2	FLOAT	watt-hours		
	7630	Real Energy	2	FLOAT	watt-hours		
	11000	Frequency	2	FLOAT	hertz		
Alarms	13548	Alarm Active	1	UINT16	no-units		**False(0);True(1)**
Controls	2208	Reset (Synchronize) Demand Watts Window	1	BOOL	no-units	**Yes**	
	2209	**Snapshot Energy Command**	**1**	**BOOL**	**no-units**	**Yes**	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	2224	Reset INCOM Slave Interface Statistics	1	BOOL	no-units	Yes	
	2225	Reset Product Specific Statistics	1	BOOL	no-units	Yes	