IQ220/IQ320

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		
	18172	Energy Concentrator Configuration	125	ASCII	no-units		
Energy Concentrator Parameters	7222	Peak Demand Forward Watts	2	FLOAT	watts		
	7264	Peak Demand Reverse Watts	2	FLOAT	watts		
	7305	Peak Demand Lagging VARs	2	FLOAT	amperes-reactive		
	7347	Peak Demand Leading VARs	2	FLOAT	amperes-reactive		
Status	3048	Device Online Status	1	UINT16	no-units		**Offline(3);Online(4)**
	3000	Status	1	UINT16	no-units		**Inactive(0);Operational(1);Undefined Status(2);Alarmed(3)**
	3001	Status Reason	1	UINT16	no-units		**Normal(0);Talley Error(1);RAM Error(2);ROM Error(3);Calibration Factor Error(4);External RAM Error(5);Setpoints Error(6);INCOM Address Error(7);Password Error(8);Unknown Error(9)**
Meters	4002	Vab	2	FLOAT	volts		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	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**		
	5014	**Peak Demand Ia**	**2**	**FLOAT**	**amperes**		
	5016	Peak Demand Ib	2	FLOAT	amperes		
	5018	Peak Demand Ic	2	FLOAT	amperes		
	5250	Demand Ia	2	FLOAT	amperes		
	5252	Demand Ib	2	FLOAT	amperes		
	5254	**Demand 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**		
	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		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	6132	Reactive Power Phase C	2	FLOAT	volt-amperes-reactive		
	6134	Reactive Power	2	FLOAT	volt-amperes-reactive		
	6180	K-Factor	2	FLOAT	no-units		
	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		
	7004	Forward Real Energy	2	FLOAT	watt-hours		
	7006	Reverse Real Energy	2	FLOAT	watt-hours		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	7679	Total Real Energy	2	FLOAT	watt-hours		
	7008	Net Real Energy	2	FLOAT	watt-hours		
	7010	Leading Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7012	Lagging Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7628	Total Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7014	**Net Reactive Energy**	**2**	**FLOAT**	**volt-ampere-reactive-hours**		
	7016	**Apparent Energy**	**2**	**FLOAT**	**volt-ampere-hours**		
	7023	**Demand Watts**	**2**	**FLOAT**	**watts**		
	7220	**Demand Forward Watts**	**2**	**FLOAT**	**watts**		
	7262	Demand Reverse Watts	2	FLOAT	watts		
	7029	Demand VARs	2	FLOAT	volt-amperes-reactive		
	7303	Demand Lagging VARs	2	FLOAT	volt-amperes-reactive		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	7345	Demand Leading VARs	2	FLOAT	volt-amperes-reactive		
	7035	**Demand VAs**	**2**	**FLOAT**	**volt-amperes**		
	7040	**Peak Demand Watts**	**2**	**FLOAT**	**watts**		
	7045	**Peak Demand VARs**	**2**	**FLOAT**	**volt-amperes-reactive**		
	7050	**Peak Demand VAs**	**2**	**FLOAT**	**volt-amperes**		
	11000	**Frequency**	**2**	**FLOAT**	**hertz**		
Alarms	**13548**	**Alarm Active**	**1**	**UINT16**	**no-units**		**False(0);True(1)**
Controls	2205	Reset Peak Demand Watts	1	BOOL	no-units	**Yes**	
	2208	Reset (Synchronize) Demand Watts Window	1	BOOL	no-units	**Yes**	
	2209	Snapshot Energy Command	1	BOOL	no-units	**Yes**	
	2210	Reset Peak Demand Currents	1	BOOL	no-units	**Yes**	
	2224	Reset INCOM Slave Interface Statistics	1	BOOL	no-units	**Yes**	
	2225	Reset Product Specific Statistics	1	BOOL	no-units	**Yes**	