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		
Status	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		
	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		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	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		
	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		
	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		
	7029	Demand VARs	2	FLOAT	volt-amperes-reactive		
	7035	Demand VAs	2	FLOAT	volt-amperes		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	7045	Peak Demand VARs	2	FLOAT	volt-amperes-reactive		
	7050	Peak Demand VAs	2	FLOAT	volt-amperes		
	11000	Frequency	2	FLOAT	hertz		
Alarms	13548	Summary Alarm	1	UINT16	no-units		False(0);True(1)
Controls	2205	Reset Peak Demand Watts	1	INT16	no-units	Yes	
	2208	Reset (Synchronize) Demand Watts Win	1	INT16	no-units	Yes	
	2209	Snapshot Energy Command	1	INT16	no-units	Yes	
	2210	Reset Peak Demand Currents	1	INT16	no-units	Yes	
	2224	Reset INCOM Slave Interface Statistics	1	INT16	no-units	Yes	
	2225	Reset Product Specific Statistics	1	INT16	no-units	Yes	