IQ Analyzer 6000/6200

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		Program(0);Normal(1);In Alarm and Program(2);Alarmed(3)
	3001	Status Reason	1	UINT16	no-units		
Meters	4002	Vab	2	FLOAT	volts		
	4004	Vbc	2	FLOAT	volts		
	4006	Vca	2	FLOAT	volts		
	4008	V(L-L) Average	2	FLOAT	volts		
	4010	Van	2	FLOAT	volts		
	4012	Vbn	2	FLOAT	volts		
	4014	Vcn	2	FLOAT	volts		
	4016	V(L-N) Average	2	FLOAT	volts		
	5002	Ia	2	FLOAT	amperes		
	5004	Ib	2	FLOAT	amperes		
	5006	Ic	2	FLOAT	amperes		
	5008	Ig	2	FLOAT	amperes		
	5010	In	2	FLOAT	amperes		
	5012	Iavg	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		
	5282	Peak Demand 3 Phase Current	2	FLOAT	amperes		
	6000	Real Power Phase A	2	FLOAT	watts		
	6002	Real Power Phase B	2	FLOAT	watts		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	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		
	6182	THD 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		
	7021	Power Demand Window	2	FLOAT	minutes		
	7023	Demand Watts	2	FLOAT	watts		
	7029	Demand VARs	2	FLOAT	volt-amperes-reactive		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	7035	Demand VAs	2	FLOAT	volt-amperes		
	7037	Time Last Demand Window	3	TIME	no-units		
	7042	Time Peak Demand Watts	3	TIME	no-units		
	7045	Peak Demand VARs	2	FLOAT	volt-amperes-reactive		
	7047	Time Peak Demand VARs	3	TIME	no-units		
	7050	Peak Demand VAs	2	FLOAT	volt-amperes		
	7052	Time Peak Demand VAs	3	TIME	no-units		
	9436	Percent THD Ia	2	FLOAT	percent		
	9438	Percent THD Ib	2	FLOAT	percent		
	9440	Percent THD Ic	2	FLOAT	percent		
	8148	Percent THD Vab	2	FLOAT	percent		
	8150	Percent THD Vbc	2	FLOAT	percent		
	8152	Percent THD Vca	2	FLOAT	percent		
	8154	Percent THD Van	2	FLOAT	percent		
	8156	Percent THD Vbn	2	FLOAT	percent		
	8158	Percent THD Vcn	2	FLOAT	percent		
	10283	Input 1	1	UINT16	no-units		Inactive(0);Active(1)
	10284	Input 2	1	UINT16	no-units		Inactive(0);Active(1)
	10285	Input 3	1	UINT16	no-units		Inactive(0);Active(1)
	11000	Frequency	2	FLOAT	hertz		
Alarms	13548	Summary Alarm	1	UINT16	no-units		False(0);True(1)
	13555	Trip Event	1	UINT16	no-units		False(0);True(1)
Controls	2200	Set the Receive Date and Time Now	1	INT16	no-units		
	2205	Reset Peak Demand Watts	1	INT16	no-units	Yes	
	2206	Reset Energy	1	INT16	no-units	Yes	
	2208	Reset (Synchronize) Demand Watts Win	1	INT16	no-units	Yes	
	2209	Save Energy Request	1	INT16	no-units	Yes	
	2210	Reset Peak Demand Currents	1	INT16	no-units	Yes	
	2223	Capture Waveform	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	
	2226	Ack Energy Reset	1	INT16	no-units	Yes	