IQ35MA2

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		Operational(1); Alarmed(3)
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		
	5012	Iavg	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		
	6132	Reactive Power Phase C	2	FLOAT	volt-amperes-reactive		
	6134	Reactive Power	2	FLOAT	volt-amperes-reactive		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	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		
	6220	PF Apparent	2	FLOAT	power-factor		
	7008	Net Real Energy	2	FLOAT	watt-hours		
	7004	Forward Real Energy	2	FLOAT	watt-hours		
	7006	Reverse Real Energy	2	FLOAT	watt-hours		
	7679	Total Real Energy	2	FLOAT	watt-hours		
	7012	Lagging Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7010	Leading Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7014	Net Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7628	Total Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7016	Apparent Energy	2	FLOAT	volt-ampere-hours		
	7877	Reactive Energy Received	2	FLOAT	volt-ampere-reactive-hours		
	7875	Reactive Energy Delivered	2	FLOAT	volt-ampere-reactive-hours		
	7387	Demand VAs	2	FLOAT	volt-amperes		
	7389	Peak Demand VAs	2	FLOAT	volt-amperes		
	7023	Demand Watts	2	FLOAT	watts		
	7040	Peak Demand Watts	2	FLOAT	watts		
	7220	Demand Forward Watts	2	FLOAT	watts		
	7222	Peak Demand Forward Watts	2	FLOAT	watts		
	7262	Demand Reverse Watts	2	FLOAT	watts		
	7264	Peak Demand Reverse Watts	2	FLOAT	watts		
	7029	Demand VARs	2	FLOAT	volt-amperes-reactive		
	7045	Peak Demand VARs	2	FLOAT	volt-amperes-reactive		
	7303	Demand Lagging VARs	2	FLOAT	volt-amperes-reactive		
	7305	Peak Demand Lagging VARs	2	FLOAT	volt-amperes-reactive		
	7345	Demand Leading VARs	2	FLOAT	volt-amperes-reactive		
	7347	Peak Demand Leading VARs	2	FLOAT	volt-amperes-reactive		
	7165	Demand Type	1	UINT16	no-units		
	7166	Demand Interval	1	UINT16	minutes		
	7168	Demand Subinterval	1	UINT16	minutes		
	7893	Number of Energy Resets	2	UINT32	no-units		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	7960	Peak Demand Forward VARs	2	FLOAT	volt-amperes-reactive		
	7962	Peak Demand Reverse VARs	2	FLOAT	volt-amperes-reactive		
	7964	Peak Demand Forward VAs	2	FLOAT	volt-amperes		
	7966	Peak Demand Reverse VAs	2	FLOAT	volt-amperes		
	7912	Forward Apparent Energy	2	FLOAT	volt-ampere-hours		
	7914	Reverse Apparent Energy	2	FLOAT	volt-ampere-hours		
	7928	Q1 Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7930	Q2 Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7932	Q3 Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7934	Q4 Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7900	Forward Real Energy Phase A	2	FLOAT	watt-hours	No	
	7902	Forward Real Energy Phase B	2	FLOAT	watt-hours	No	
	7904	Forward Real Energy Phase C	2	FLOAT	watt-hours	No	
	7906	Reverse Real Energy Phase A	2	FLOAT	watt-hours	No	
	7908	Reverse Real Energy Phase B	2	FLOAT	watt-hours	No	
	7910	Reverse Real Energy Phase C	2	FLOAT	watt-hours	No	
	7936	Q1 Reactive Energy Phase A	2	FLOAT	volt-ampere-reactive-hours		
	7938	Q1 Reactive Energy Phase B	2	FLOAT	volt-ampere-reactive-hours		
	7940	Q1 Reactive Energy Phase C	2	FLOAT	volt-ampere-reactive-hours		
	7942	Q2 Reactive Energy Phase A	2	FLOAT	volt-ampere-reactive-hours		
	7944	Q2 Reactive Energy Phase B	2	FLOAT	volt-ampere-reactive-hours		
	7946	Q2 Reactive Energy Phase C	2	FLOAT	volt-ampere-reactive-hours		
	7948	Q3 Reactive Energy Phase A	2	FLOAT	volt-ampere-reactive-hours		
	7950	Q3 Reactive Energy Phase B	2	FLOAT	volt-ampere-reactive-hours		
	7952	Q3 Reactive Energy Phase C	2	FLOAT	volt-ampere-reactive-hours		
	7954	Q4 Reactive Energy Phase A	2	FLOAT	volt-ampere-reactive-hours		
	7956	Q4 Reactive Energy Phase B	2	FLOAT	volt-ampere-reactive-hours		
	7958	Q4 Reactive Energy Phase C	2	FLOAT	volt-ampere-reactive-hours		
	7916	Forward Apparent Energy Phase A	2	FLOAT	volt-ampere-hours		
	7918	Forward Apparent Energy Phase B	2	FLOAT	volt-ampere-hours		
	7920	Forward Apparent Energy Phase C	2	FLOAT	volt-ampere-hours		
	7922	Reverse Apparent Energy Phase A	2	FLOAT	volt-ampere-hours		
	7924	Reverse Apparent Energy Phase B	2	FLOAT	volt-ampere-hours		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	7926	Reverse Apparent Energy Phase C	2	FLOAT	volt-ampere-hours		
	11000	Frequency	2	FLOAT	hertz		
Alarms	13548	Summary Alarm	1	UINT16	no-units		Inactive(0);Active(1)
	13842	Phase A Voltage Out of Range	1	UINT16	no-units		Inactive(0);Active(1)
	13843	Phase B Voltage Out of Range	1	UINT16	no-units		Inactive(0);Active(1)
	13844	Phase C Voltage Out of Range	1	UINT16	no-units		Inactive(0);Active(1)
	13845	Phase A Current Out of Range	1	UINT16	no-units		Inactive(0);Active(1)
	13846	Phase B Current Out of Range	1	UINT16	no-units		Inactive(0);Active(1)
	13847	Phase C Current Out of Range	1	UINT16	no-units		Inactive(0);Active(1)
	13848	Frequency Out of Range	1	UINT16	no-units		Inactive(0);Active(1)
	13498	Phase A Loss	1	UINT16	no-units		Inactive(0);Active(1)
	13499	Phase B Loss	1	UINT16	no-units		Inactive(0);Active(1)
	13500	Phase C Loss	1	UINT16	no-units		Inactive(0);Active(1)
	13849	Low Power Factor on A	1	UINT16	no-units		Inactive(0);Active(1)
	13850	Low Power Factor on B	1	UINT16	no-units		Inactive(0);Active(1)
	13851	Low Power Factor on C	1	UINT16	no-units		Inactive(0);Active(1)
	13852	Energy Pulse Output Overrun	1	UINT16	no-units		Inactive(0);Active(1)
	13853	Energy Pulse Output Configuration Erroı	1	UINT16	no-units		Inactive(0);Active(1)