PML ION 7550/7650

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	7220	Demand Forward Watts	2	FLOAT	watts		
	7262	Demand Reverse Watts	2	FLOAT	watts		
	7222	Peak Demand Forward Watts	2	FLOAT	watts		
	7264	Peak Demand Reverse Watts	2	FLOAT	watts		
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		
	5010	In	2	FLOAT	amperes		
	5008	Ig	2	FLOAT	amperes		
	5012	Iavg	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		
	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		
	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		
	7628	Total Reactive Energy	2	FLOAT	volt-ampere-reactive-hours		
	7016	Apparent Energy	2	FLOAT	volt-ampere-hours		
	11000	Frequency	2	FLOAT	hertz		