

## Communication Register Map

This Communication map is for eNavigator series of meters. Depending on model, selected parameters data can be retrieved. All the parameters declared in the communication map are either float or unsigned long and follows the standard Modbus RTU protocol. The data can be retrieved individually or together as a block.

Sl.No	Parameter	Data type	Address
1	Watts Total	float	40101
2	Watts R phase	float	40103
3	Watts Y phase	float	40105
4	Watts B phase	float	40107
5	VAR Total	float	40109
6	VAR R phase	float	40111
7	VAR Y phase	float	40113
8	VAR B phase	float	40115
9	PF Ave. (Instantaneous)	float	40117
10	PF R phase	float	40119
11	PF Y phase	float	40121
12	PF B phase	float	40123
13	VA total	float	40125
14	VA R phase	float	40127
15	VA Y phase	float	40129
16	VA B phase	float	40131
17	VLL average	float	40133
18	Vry phase	float	40135
19	Vyb phase	float	40137
20	Vbr phase	float	40139
21	VLN average	float	40141
22	V R phase	float	40143
23	V Y phase	float	40145
24	V B phase	float	40147
25	Current Total	float	40149
26	Current R phase	float	40151
27	Current Y phase	float	40153
28	Current B phase	float	40155
29	Frequency	float	40157
30	Wh received	float	40159

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31	<b>VAh received</b>	float	40161
32	<b>VARh Ind. Received</b>	float	40163
33	<b>VARh Cap. received</b>	float	40165
34	<b>Wh Delivered</b>	float	40167
35	<b>VAh Delivered</b>	float	40169
36	<b>VARh Ind. Delivered</b>	float	40171
37	<b>VARh Cap. Delivered</b>	float	40173
38	<b>PF average Received</b>	float	40175
39	<b>Amps average Received</b>	float	40177
40	<b>PF average Delivered</b>	float	40179
41	<b>Amps average Delivered</b>	float	40181
42	<b>Neutral Current</b>	float	40183
43	<b>Voltage R Harmonics</b>	float	40185
44	<b>Voltage Y Harmonics</b>	float	40187
45	<b>Voltage B Harmonics</b>	float	40189
46	<b>Current R Harmonics</b>	float	40191
47	<b>Current Y Harmonics</b>	float	40193
48	<b>Current B Harmonics</b>	float	40195
49	<b>Rising Demand</b>	float	40197
50	<b>Forecast Demand</b>	float	40199
51	<b>Maximum Demand</b>	float	40201
52	<b>Reserved</b>	float	40203
53	<b>Reserved</b>	float	40205
54	<b>Reserved</b>	float	40207
55	<b>Reserved</b>	float	40209
56	<b>Reserved</b>	float	40211
57	<b>Reserved</b>	float	40213
58	<b>RPM</b>	float	40215
59	<b>Load Hours Received</b>	Unsigned long	40217
60	<b>Load Hours Delivered</b>	Unsigned long	40219
61	<b>No of interruptions</b>	Unsigned long	40221
62	<b>Reserved</b>	Unsigned long	40223
63	<b>Reserved</b>	Unsigned long	40225
64	<b>Reserved</b>	Unsigned long	40227
65	<b>Reserved</b>	Unsigned long	40229
66	<b>Reserved</b>	Unsigned long	40231