On the Subject of Nimbly Pruning the Number Pad

Who knew that only 19 of the paths were valid. :)

≥ 3 Yellow	SN even	Odd batteries	Both	Neither
≥ 2 Blue and ≥ 3 Green	3322	3223	3232	3223
5 is NOT White or Blue, ≥ 3 White	9321	2931	9231	1392
5 is NOT White or Blue, < 3 White	2346	4236	2436	6324
0 or 1 port, ≥ 3 White	7290	7902	7920	2097
0 or 1 port, <3 White	2999	9299	2999	9929
≥ 3 White, no Green on top row	9207	9072	9027	2709
≥ 3 White, Green on top row	7019	1709	7109	9071
< 3 White, no Green on top row	2090	9200	2900	0029
< 3 White, Green on top row	0901	0019	0091	9100

4, 5, 6 are Red, White, or Blue	SN even	Odd batteries	Both	Neither
≥ 2 Blue and ≥ 3 Green	2536	2365	2356	5632
5 is Red	6739	3679	6379	9763
0 or 1 port	6197	9617	6917	7169
No green on top row	3506	3065	3056	5603
Green on top row	5053	5503	5503	3055

Serial Number has vowel	SN even	Odd batteries	Both	Neither
≥ 2 Blue and ≥ 3 Green	8591	9851	8951	1589
5 is NOT White or Blue	8869	6889	8689	9886
0 or 1 port	8319	1839	8139	9381
No Green on top row	1018	1180	1108	0811
Green on top row	7101	0711	7011	1170

Else	SN even	Odd batteries	Both	Neither
≥ 2 Blue and ≥ 3 Green	9017	1907	9107	7091
5 is NOT White or Blue	1379	1793	1739	3971
0 or 1 port	9471	7941	9741	1497
No Green on top row	9244	4924	9424	4294
Green on top row	4428	4284	4248	4824