

HPINSPerf- P40v2 - Marine

Marine / Low dynamic performance specifications

Typical performance in marine and lower dynamics applications, with dual antenna heading.

GNSS outage	Positioning mode	Position accuracy (m)		Velocity Accuracy (m/s)		Attitude accuracy (°)	
		Horizontal	Vertical	Horizontal	Vertical	Roll / pitch	Heading
No Outage	SP	1.2	1.5	0.05	0.05	0.02	0.2 (baseline > 0.5m)
	RTK	0.01 + 1ppm	0.015 + 1ppm	0.02	0.02	0.015	0.1 (baseline > 1m) 0.06 (baseline > 2m)
	PPK	0.01 + 1ppm	0.015 + 1ppm	0.01	0.01	0.01	0.05
10s *	SP	2.2	2.0	0.1	0.1	0.03	0.22 (baseline > 0.5m)
	RTK	0.3	0.1	0.05	0.05	0.02	0.12 (baseline > 1m) 0.08 (baseline > 2m)
	PPK	0.05	0.03	0.02	0.015	0.015	0.06
30s *	SP	4	2.5	0.3	0.15	0.05	0.3 (baseline > 0.5m)
	RTK	3	0.75	0.25	0.1	0.05	0.2 (baseline > 1m) 0.16 (baseline > 2m)
	PPK	0.1	0.3	0.05	0.03	0.03	0.08

* For performance during longer GNSS outages refer to the dead reckoning specification below.