

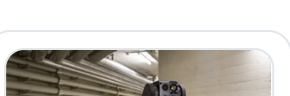
Quadrupeds vs wheeled quadrupeds: who leads?

01 · THE FIELD

Fifteen robots, two ways to move

Legged · 10







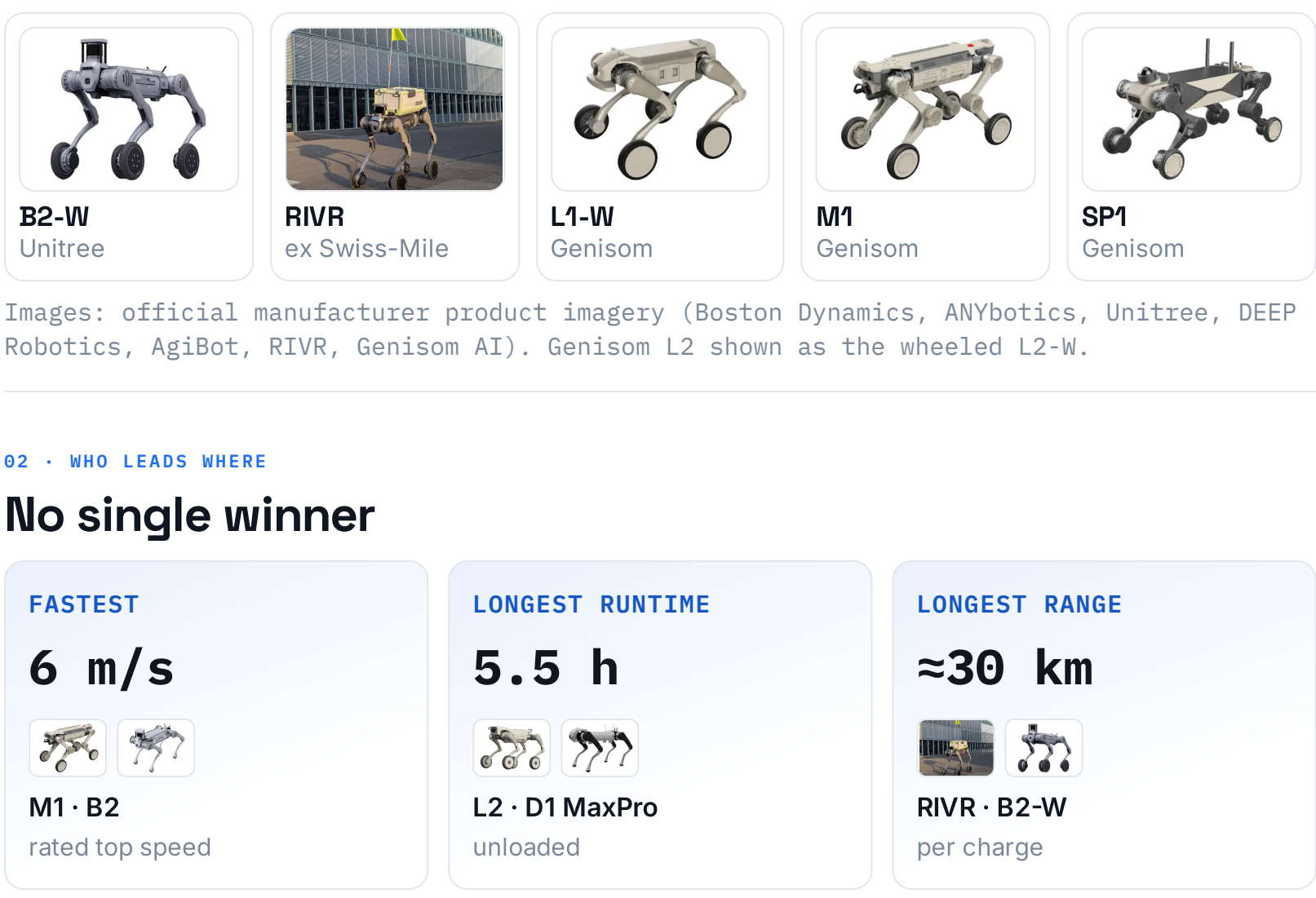




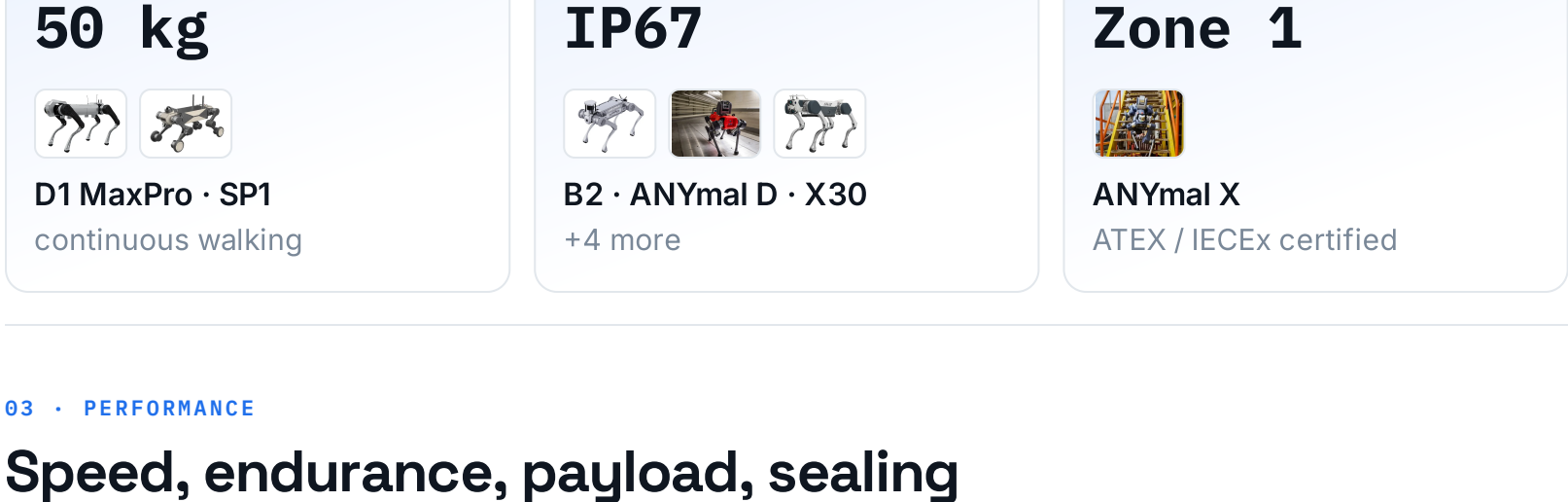
01 · THE FIELD

Fifteen robots, two ways to move

Legged · 10



Wheel-leg · 5



Images: official manufacturer product imagery (Boston Dynamics, ANYbotics, Unitree, DEEP Robotics, AgiBot, RIVR, Genisom AI). Genisom L2 shown as the wheeled L2-W.

02 · WHO LEADS WHERE

No single winner

FASTEST 6 m/s M1 · B2 rated top speed	LONGEST RUNTIME 5.5 h L2 · D1 MaxPro unloaded	LONGEST RANGE ≈30 km RIVR · B2-W per charge
HEAVIEST PAYLOAD 50 kg D1 MaxPro · SP1 continuous walking	TOUGHEST SEALING IP67 B2 · ANYmal D · X30 +4 more	HAZARDOUS-AREA PROOF Zone 1 ANYmal X ATEX / IECEx certified

03 · PERFORMANCE

Speed, endurance, payload, sealing

■ Legged ■ Wheel-leg ■ n/a (not published)

Top speed (m/s)

Solid = rated max · light = peak or limit



*Unitree: realized in special configurations. D1 MaxPro: 2 m/s as shipped, 3 m/s lab. SP1: 2 m/s brochure, 1.2 m/s China site.

Runtime per charge (h)

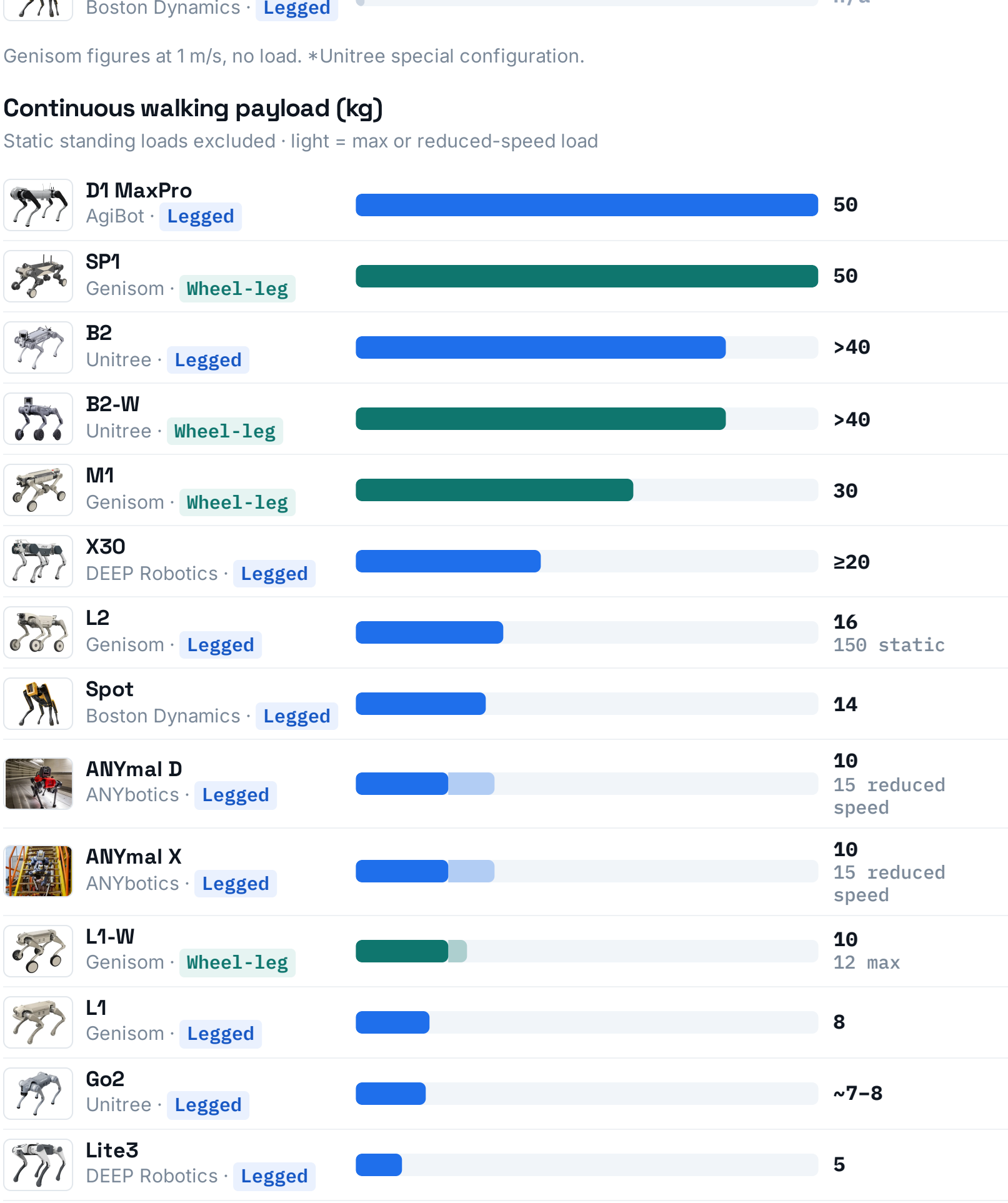
Unloaded unless noted · light = upper end of range



Genisom figures at 1 m/s, no load.

Range per charge (km)

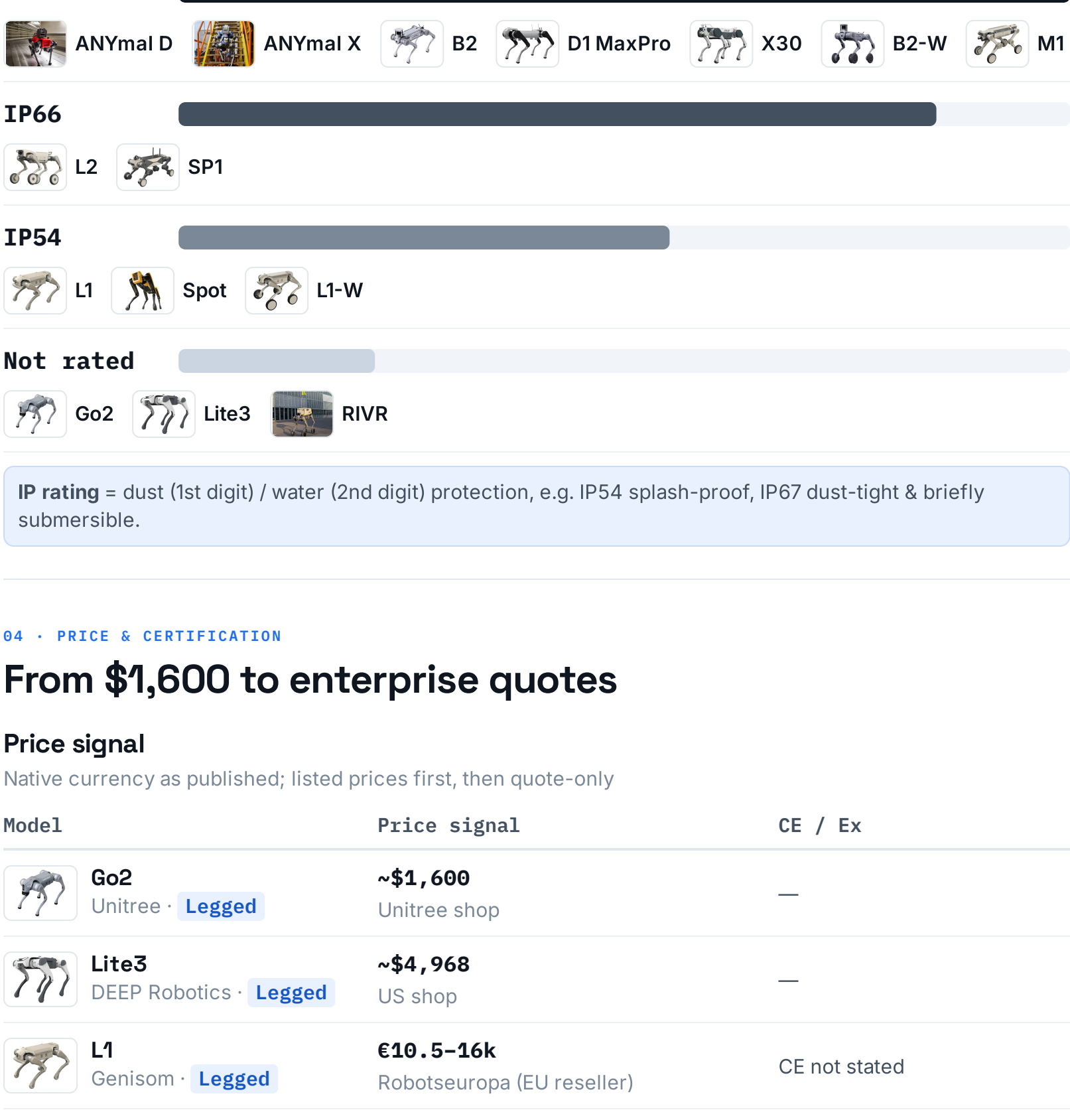
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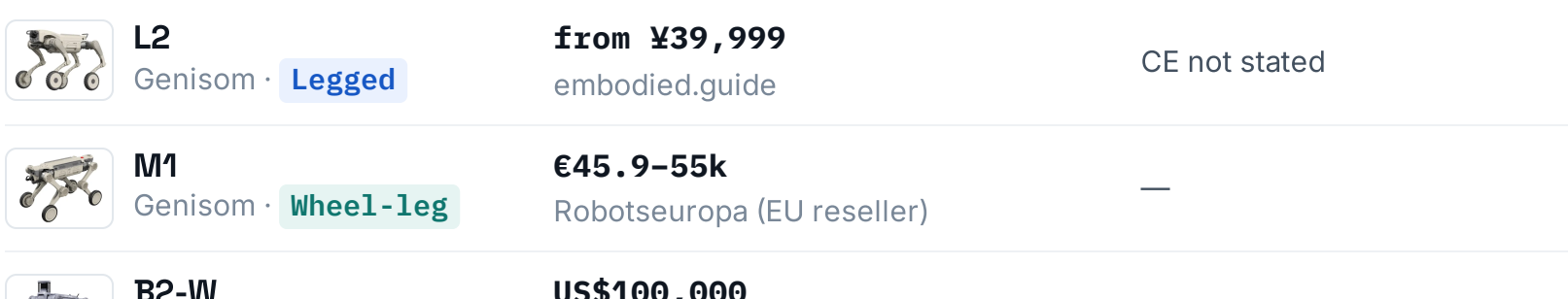
Genisom figures at 1 m/s, no load. *Unitree special configuration.

Continuous walking payload (kg)

Static standing loads excluded · light = max or reduced-speed load



Ingress protection (IP)



IP rating = dust (1st digit) / water (2nd digit) protection, e.g. IP54 splash-proof, IP67 dust-tight & briefly submersible.

04 · PRICE & CERTIFICATION

From \$1,600 to enterprise quotes

Price signal

Native currency as published; listed prices first, then quote-only

Model	Type	Price signal	CE / Ex
Go2	Unitree · Legged	~\$1,600 Unitree shop	—
Lite3	DEEP Robotics · Legged	~\$4,968 US shop	—
L1	Genisom · Legged	€10.5–16k Robotseuropa (EU reseller)	CE not stated
L1-W	Genisom · Wheel-leg	€11.9–17.4k EDU Robotseuropa (EU reseller)	CE not stated
L2	Genisom · Legged	from ¥39,999 embodied.guide	CE not stated
M1	Genisom · Wheel-leg	€45.9–55k Robotseuropa (EU reseller)	—
B2-W	Unitree · Wheel-leg	US\$100,000 list, Unitree shop · EU ~€57–90k reseller	—
X30	DEEP Robotics · Legged	~\$113,400 X30 Pro, US shop	—
Spot	Boston Dynamics · Legged	Quote legacy list ~\$74.5k	FCC / UL
B2	Unitree · Legged	Enterprise quote	—
ANYmal D	ANYbotics · Legged	Enterprise quote	CE
ANYmal X	ANYbotics · Legged	Enterprise quote	CE · ATEX / IECEx Zone 1
D1 MaxPro	AgiBot · Legged	Contact sales	TÜV / CE path on other lines
SP1	Genisom · Wheel-leg	Contact sales	Ex d IIC T6 Gb claim (China)
RIVR	ex Swiss-Mile · Wheel-leg	n/a seed-funded startup	Swiss · last-mile

Certification (CE / Ex)

Hazardous-area certified ATEX / IECEx Zone 1 Ex claim (China) Ex d IIC T6 Gb

ANYmal X SP1

CE marked ANYmal D ANYmal X Spot

CE path on other lines TÜV / CE Sold in the EU (reseller) CE not stated

D1 MaxPro B2-W L1 L1-W M1

None found Go2 B2 Lite3 X30 RIVR L2

05 · FULL TABLE

All fifteen, side by side

Performance

Model	Type	Top speed (m/s)	Runtime	Range	Payload	IP
ANYmal D	ANYbotics · Legged	1.3 0.75 recommended	1.5–2 h	2 km	10 kg	IP67
ANYmal X	ANYbotics · Legged	1.0 0.5 recommended	1–2 h	2.5 km 1.5 km typical mission	10 kg	IP67
D1 MaxPro	AgiBot · Legged	2 3 lab	5.5 h 2 h @ 50 kg	21 km 11 km loaded	50 kg	IP67
Spot	Boston Dynamics · Legged	1.6	~1.5 h ~1 h with payloads	n/a	14 kg	IP54
Lite3	DEEP Robotics · Legged	2.5 peak 4	1.5–2 h	5 km Basic	5 kg	not rated
X30	DEEP Robotics · Legged	≥4	2.5–4 h	≥10 km	≥20 kg	IP67
L1	Genisom · Legged	3.7 limit 5	1–2 h	6 km	8 kg	IP54
L1-W	Genisom · Wheel-leg	3.7 limit >5.5	1–2 h	9 km	10 kg	IP54
L2	Genisom · Legged	3.2 peak 5	5.5 h 3.5 h full load	20 km 12 km full load	16 kg	IP66
M1	Genisom · Wheel-leg	6 peak 8	5 h 3.5 h full load	29 km 18 km full load	30 kg	IP67
SP1	Genisom · Wheel-leg	2 CN site 1.2	≥4 h full load	n/a	50 kg	IP66
B2	Unitree · Legged	>6 special config*	>5 h >4 h @ 20 kg	>20 km >15 km @ 20 kg	>40 kg	IP67
B2-W	Unitree · Wheel-leg	4.2 15 km/h*	n/a range only	≈30 km 25 km @ 40 kg*	>40 kg	IP67
Go2	Unitree · Legged	3.7 Edu · ~5 lab	1–2 h 2–4 h long battery	n/a	~7–8 kg	not rated
RIVR	ex Swiss-Mile · Wheel-leg	3.9 14 km/h	n/a “a driver’s shift”	>30 km	n/a	not rated

Price & certification

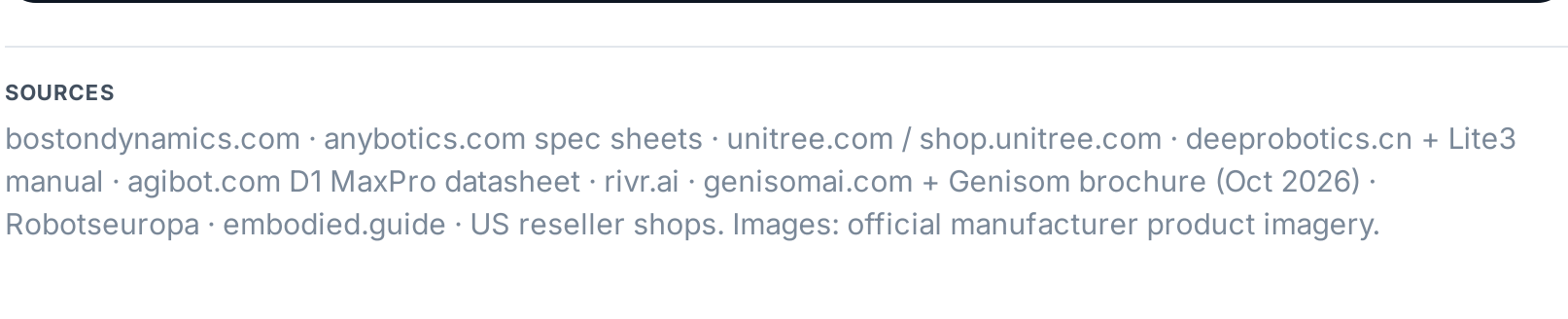
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RIVR	ex Swiss-Mile · Wheel-leg	n/a seed-funded startup	Swiss · last-mile

06 · OVERALL RANKING

Who leads overall

Score = average of six criteria: five published specs (top speed, runtime, range, walking payload, IP), each scored against the best in class, plus certification (ATEX/IECEx = 1, CE-marked or EU-sold = 0.5, other safety cert or unverified Ex claim = 0.25, none found = 0); unpublished = 0. Price not scored.

Mini bars: speed · runtime · range · payload · IP · certification



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SOURCES

bostondynamics.com · anybotics.com spec sheets · unitree.com / shop.unitree.com · deeprobotics.cn + Lite3 manual · agibot.com D1 MaxPro datasheet · rivr.ai · genisomai.com + Genisom brochure (Oct 2026) · Robotseuropa · embodied.guide · US reseller shops. Images: official manufacturer product imagery.