

POWER WHEELCHAIRS

SPECIFICATIONS		PUMA 20 Sedeo Lite		PUMA 40 Sedeo Pro	
DIMENSIONS					
Axle configuration		FWD	RWD	FWD	RWD
Maximum user weight	kg	136	136	160	160
Batteries (C20) approximately	Ah	40 / 50 / 60 / 74	40 / 50 / 60 / 74	40 / 60 / 74	40 / 60 / 74
Total weight excl. batteries (standard configuration)	kg	77,6	77,6	97,6	97,6
Total weight incl. batteries	kg	106 (40Ah)	106 (40Ah)	132,2 (60Ah)	132,2 (60Ah)
Total length (indoor / outdoor wheels)	mm	1160 / 1190	1095 / 1115	1160 / 1190	1095 / 1115
Total width (indoor / outdoor wheels)	mm	610 / 655	610 / 655	610 / 655	610 / 655
Seat angle	°	0 - 6	0 - 6	0 - 6	0 - 6
Seat depth	mm	420 - 500	420 - 500	440 - 600	440 - 600
Seat width	mm	400 - 510	400 - 510	400 - 540	400 - 540
Seat height excl. cushion (i/o wheels)*	mm	405 / 415	405 / 415	405 / 415	405 / 415
Seat height excl. cushion 3° seat angle (i/o wheels)*	mm	430 / 440	430 / 440	430 / 440	430 / 440
Seat height incl. cushion (i/o wheels)*	mm	465 / 475	465 / 475	475 / 485	475 / 485
Seat height incl. cushion 3° seat angle (i/o wheels)*	mm	490 / 500	490 / 500	500 / 510	500 / 510
Backrest angle	°	92 / 97 / 102 / 107	92 / 97 / 102 / 107	89 - 128	89 - 128
Back height	mm	480	480	500 - 640	500 - 640
Lower leg length	mm	360 - 460	360 - 460	360 - 530	360 - 530
Armrest height	mm	170 - 290	170 - 290	170 - 290	170 - 290
Diameter castor wheels (indoor)	mm	230	230	230	230
Diameter castor wheels (outdoor)	mm	255	255	255	255
Diameter drive wheels (indoor)	mm	330	330	330	330
Diameter drive wheels (outdoor)	mm	350	350	350	350
Tyre pressure castor wheels (indoor/outdoor)	bar	3.5 / 3.5	3.5 / 3.5	3.5 / 3.5	3.5 / 3.5
Tyre pressure drive wheels (indoor/outdoor)	bar	2.8 / 2.1	2.8 / 2.1	2.8 / 2.1	2.8 / 2.1
PERFORMANCE					
Maximum speed	km/u	6 / 10	6 / 10	6 / 10	6 / 10
Range (ISO 7176-4) (40Ah C20) 6k/10k**	km	23.9 / 21.3	23.9 / 21.3	27.3 / 23.9	27.3 / 23.9
Range (ISO 7176-4) (60Ah C20) 6k/10k**	km	35.9 / 31.9	35.9 / 31.9	41.0 / 35.9	41.0 / 35.9
Range (ISO 7176-4) (74Ah C20) 6k/10k/ 12.5k**	km	43.7 / 38.8 / n.a.	43.7 / 38.8 / n.a.	49.9 / 43.7 / 39.9	49.9 / 43.7 / 39.9
Static stability	°	15 (26%)	15 (26%)	15 (26%)	15 (26%)
Dynamic stability (safe slope)	°	10 (17,6%)	10 (17,6%)	10 (17,6%)	10 (17,6%)
Dynamic stability (max. safe slope)	°	10 (17,6%)	10 (17,6%)	10 (17,6%)	10 (17,6%)
Obstacle height	mm	60	80	60	80
Obstacle height with kerb climber	mm	-	100	-	100
Ground clearance (indoor / outdoor wheels)	mm	60 / 70	60 / 70	60 / 70	60 / 70
Turning radius (ISO 7176-5)	mm	600	850	600	850
ELECTRICAL OPTIONS					
Electrical backrest adjustment	°	-	-	89 - 128	89 - 128
Electrical seat tilt adjustment***	°	0 - 25	0 - 25	0 - 45	0 - 45
Electrical high / low	mm	-	-	0 - 300	0 - 300
Electrical legrests	°	-	-	6 - 70	6 - 70
CERTIFICATES					
CE		√	√	√	√
EN 12182		√ (2009)	√ (2009)	√ (2009)	√ (2009)
EN 12184		√ (2009)	√ (2009)	√ (2009)	√ (2009)
Class		B	B	B	B
ISO 7176-19		√	√	√	√

All measurements of dimensions etc. should be considered as value with a average tolerance of 1%

* Seat height incl. load

** Range is a theoretical value but is dependent on many factors like: driving program, user weight, usage of electrical adjustments and lights, weather conditions, driving conditions (slopes, obstacles, type of road etc.), battery condition, tyre condition etc.

*** Seat height can limit tilt-range