



Mantis 8

Configuration	48V 13Ah ★	48V 18.2Ah ★	48V 18.2Ah ★	48V 24.5AH ★	48V 24.5AH ★
Version Name	Mantis 8 ECO COMFORT	Mantis 8 ECO800	Mantis 8 PLUS	Mantis 8 PRO	Mantis 8 PRO+
color					
Battery Type	Li-Ion battery pack 18650				
Battery model	DMEGC26E	DMEGC26E	DMEGC26E	LG MJ1/samsung 35E	LG MJ1/samsung 35E
Moter power	brushless motors 500W *2	brushless motor 800W	brushless motors 800W *2	brushless motors 800W *2	brushless motors 800W *2
Max.Speed	40km/h	45km/h	50km/h	50km/h	50km/h
Max.Range	Around 40Km (75kgs load,25km/h flat road continous riding basis)	Around 60Km (75kgs load,25km/h flat road continous riding basis)	Around 60Km (75kgs load,25km/h flat road continous riding basis)	Around 80Km (75kgs load,25km/h flat road continous riding basis)	Around 80Km (75kgs load,25km/h flat road continous riding basis)
Climbing Angles	<20 °	<25°	<30 °	<30 °	<30 °
Max. load	120kg				
Charger	54.6V 2A GX16-3 1+3-				
Charging time (use 2A*1)	Around 6.5 hrs	Around 9.1 hrs	Around 9.1 hrs	Around 12.3 hrs	Around 12.3 hrs
Charging time (use 4A *1 fast charger)	Around 3.3 hrs	Around 4.6 hrs	Around 4.6 hrs	Around 6.2 hrs	Around 6.2 hrs
Shock Absorber	Front and Rear C type spring shock absorber				
Brake	disc brake +EABS (120mm)		semi hydraulic brake+EABS (120mm) (Optional front and rear hydraulic)		full hydraulic brake+ABS
Light system	LED front light+LED deck light+Turn Lights+Headlight with horn				
Controller	Sine Wave (dual- motor version Optional Minimotors controller)				Minimotors controller
Unfolding size	1160x560x1190mm				
Folding size	1160x560x478mm				
N.W.	25.3KGS	24KGS	27.5KGS	27.8KGS	27.8KGS
G.W.	30.3KGS	29KGS	32.5KGS	32.8KGS	32.8KGS
Packing box size	125.5*28.1*56.8cm				
Tyres	8inch x 3.0 wacuum, 80mm wide				
Display	LCD Intelligent Display (battery power, single mileage, total mileage, service time Speed display, charging mode) (Optional Minimotors EY3)				Minimotors EY3
Product material	Handle, frame, bar material 6061- t6 aluminum alloy and 6082- t6 aluminum forging; Cover PP;				
Optional	power key				
Optional	extra charge for fully hydraulic brake:only for dual motor version				
Optional	extra charge for upgrade to minimotor display and controller (include ABS):only for dual motor version				
Optional	finger print lock:only for minimotor controller version				
Litterae Credentiales	IPX5 CE(EMC MD LVD) ROHS FCC				

Price rules:



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Important Dimensions

