

UJET ELECTRIC SCOOTER SPECIFICATIONS



PERFORMANCE

MAX MOTOR POWER	4 kW (5,44 hp)
MAX TORQUE	90 Nm
MAX SPEED	45 km/h (limited)
MOTOR TYPE	In-wheel, ultra-thin brushless motor. Permanently excited external rotor with 3-points position detection and temperature sensor

DIMENSIONS

DIMENSIONS (L / W / H)	156 x 64 x 120 cm
DIMENSIONS WHEN FOLDED (L / W / H)	84 x 57 x 120 cm
SEAT HEIGHT	Small seat – 68 cm Large seat – 73 cm

WEIGHT

WEIGHT	32 kg
BATTERY WEIGHT	11 kg small battery 17 kg large battery
GROSS WEIGHT	43 kg (95 lbs) with small battery 49 kg (108 lbs) with large battery
MAXIMUM LOAD	120 kg

CONSTRUCTION

FRAME	Robust lightweight frame composed of advanced alloy and carbon fiber composite (up to 40% lighter than aluminium)
SUSPENSION	Rising-rate suspension for a special driving experience and ultra low weight
BRAKES	Front and rear, hydraulic disc brakes. Unique design with large diameter discs guarantees super efficient braking
WHEELS	14" Orbital wheels
TIRES	80/80x14, MC26 Capri, nanoaugmented








BATTERY	BATTERY TYPE	Lithium-ion
	RIDING CHARGE *	Small battery – up to 70 km Large battery – up to 150 km
	CHARGING TIME **	3 - 6 hours using on-board charger 2 hours using off-board charger (fast)
	REQUIRED CHARGING IMPUT	Regular home 220V - 230V outlet
	BATTERY VOLTAGE	48V generating 2,3 kWh
	BATTERY LIFE CYCLE ***	Minimum 1000 cycles

CONNECTIVITY & SMART FUNCTIONS	SMARTPHONE APP COMPATIBILITY	iOS and Android
	ON-BOARD CONTROL SYSTEMS	3 separate control units: body control unit with CAN communication, head unit, multimedia management system
	OPERATING SYSTEM	Ujet proprietary OS, with constant Internet connectivity and automatic over-the-air updates for continuously enhanced experience, media integration with smartphone
	CONNECTIVITY	Wi-Fi, Bluetooth, GPRS, 3G, full management of smartphone telephony
	HMI DISPLAY	Automatically foldable and adjustable 7" TFT display, 800x480
	CAMERA	Full HD front-facing 70° view angle camera with live video recording functionality
	SPEAKERS	Protected contact speakers in the battery case
	DRIVING SOUND	Virtual simulation of driving sounds to ensure Ujet will be heard by the other road users
	VOICE CONTROL	On board voice control application via headset in the helmet. Currently works with English and German languages
NAVIGATION/ GPS	GPS / GLONASS On-board navigation system. Tracking via smartphone App	

SAFETY	LIGHTS	Adaptive LED front light: Supernova M99 Pro. LED tail and brake lights
	ANTITHEFT SYSTEM	Antitheft locking system is assisted with on-board GPS/4G module, ensuring that Ujet can be always easily located and remotely disabled in case of a theft
	SMART KEY / LOCK SYSTEM	Electronic immobilizer through the user's smartphone via secure connection



SPECIAL FEATURES	FOLDABILITY	Book-type folding system. Double mechanical fixation in unfoldable mode with electronic sensors control	
	BATTERY BOX	Complete battery box is removable and can be taken away, just like a small luggage. It is equipped with two wheels at the bottom and a telescopic handlebar. Possible to use like an independent speaker with direct smartphone connection	
	NANO-AUGMENTED TIRES	Nanoaugmented rubber compound with abrasion resistance enhanced by 15% and strongly improved wet grip	
	FOLDABLE MIRRORS	The mirror position can be selected in an upper or lower position, providing a guaranteed good rear view for various drivers	
	EXTRACTABLE AND ROLLABLE BATTERY POWERHUB	2 USB ports, allowing to charge your devices from the scooter's battery	
	DRIVING MODES	3 driving modes: ECO, NORMAL, SPORT. Boost function in SPORT MODE	
	THROTTLE GRIP	A special solution to control braking energy recuperation and electromagnetic braking	
	UJET MOBILITY APP	Scooter registration, locking/unlocking, geopositioning, sharing options, augmented reality parking search, service tools, alarms, storage for recorded movie clips, etc.	
	COLOR OPTIONS	 Uptown Black	 Piccadilly Blue
		 Soho Grey	 Barbican Taupe
 Concorde White			

*depending on external conditions and driver weight

**depending on the discharge condition of the battery before recharging

***estimated number of cycles using regular charger. Fast charging reduces the number of cycles