



Data Sheet & Specification



eyecatcher orange
matte



urban grey
gloss



lipstick red
gloss



undercover black
matte



well-known cyan
gloss



snow-white
matte



decent beige
gloss

scooter	general	vmax	45 (legally limited)	km/h	
		range (per battery)	50	km	
		max slope start	15	degr	
		max additional load	180	kg	
	vehicle dimensions	vehicle total weight	58 (66 including 1 battery pack)		kg
		height	1150 (1040 without mirrors)		mm
		width	840 (700 without mirrors)		mm
		length	1725		mm
	luggage space	ground clearance	140 (possible to lift manually)		mm
		fits for standard full face helmet (when battery removed)			
	propulsion	method	fully electric, brushless motor, FOC controller		
		rated power	800	W	
		max power	1400	W	
		max torque	70	Nm	
		efficiency	average 89		%
		gears / speed limiter	3 gears (25 / 35 / 45 km/h)		
	recuperation	reuse of kinetic energy to charge battery (K.E.R.S. system)			
	battery slot	number battery space	2 slots available for 2 battery packs of HUGO		
	circuit protection	fuse	circuit breaker and disconnecter		A
	seat / upholstery	material	sunlight-resistant, water and heat repellent		
	front illumination / headlight	characteristics	full LED: daytime running light, low beam (passing beam) high beam (driving beam)		
	rear illumination / brake light	characteristics	full LED: brake light rear position indication rear registration plate illumination		
	direction indicators	characteristics	full LED		
	speedo / instruments	characteristics	digital instruments, mechanical operation		
	anti-theft & remote	steering lock	steering lockable by ignition key		
		movement lock	immobilize vehicle by ignition key or remote		
		alarm	2 sensitivity settings, accessible via remote device		
	remote commands	ignition	start vehicle by remote control		
		alarm set	setting of alarm sensitivity		
		illumination	flash vehicle lights		
		warning beep	send out a warning signal		
	backpack equipment	function	luggage rack at rear end, connected to steel frame and prepared for high load		
frame	material	coated steel frame			
tyres	front			"	
	rear	10" 90/90 air pumped tire		"	
brakes	front				
	rear	hydraulic operated disc brake			
suspension	front				
	rear	hydraulic cylinder / spring suspension			

battery pack	general	method	lithium based cell compound	
		capacity	1	kWh
		weight	7	kg
		charging cycles	Unlimited charging cycles. After 500 cycles more than 60% of total capacity left. Respect advices of user manual.	
		plug	touch-protected plugging system	
		controller	smart controlling device	
		protection	against over-charge/discharge, short-circuit, over-temperature, cell-disbalance	
	dimension	height	400	mm
		width	105	mm
		depth	170	mm
case	removable	battery can be removed (for charging and security measures)		
	handle	in battery case integrated handle, supporting device withdrawal		
battery charger	general	charging points	connection directly to battery or connector at vehicle	
		cooling system	passive radiator, no active cooling (no fan)	
		indication & readings	status indicating LED	
		weight	1.2	kg
	dimension (without cable)	height	50	mm
		width	90	mm
		depth	190	mm
	incoming connection (demand from socket)	electricity	110/230 V AC	
		plug input (socket)	Type C / F (European standard)	
		cable length	1.4	m
		cable attachment	cable removable, standardized plug	
	outgoing connection (supply to scooter)	plug output	according Battery	
		cable length	1.4	m
		cable attachment	cable not removable	
	charging	charging current	3.5	A
		automatic power off	x	
charging time (0 to 100% / 0 to 50% / 0 to 80%)		5 / 1 / 2.5	hours	