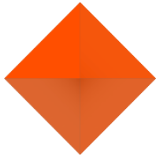




Data Sheet & Specification



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 total weight	58 (69 including 1 battery pack)	kg	
	vehicle dimensions	height	1150 (1040 without mirrors)	mm	
		width	840 (700 without mirrors)	mm	
		length	1725	mm	
		ground clearance	140 (possible to lift manually)	mm	
		luggage space	fits for standard full face helmet (when battery removed)		
	propulsion	method	fully electric, brushless motor, FOC controller		
		rated power	1500	W	
		max power	1800	W	
		max torque	120	Nm	
		efficiency	86	%	
		gears / speed limiter	3 gears (25 / 35 / 45 km/h)		
		recuperation	reuse of kinetic energy to charge battery (K.E.R.S.)		
	battery slot	number battery space	2 slots available for 2 battery packs of HUGO		
	circuit protection	fuse	circuit breaker and disconnecter		
	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	10" 90/90 air pumped tire "		
		rear	"		
	brakes	front	hydraulic operated disc brake		
		rear			
	suspension	front	hydraulic cylinder / spring suspension		
		rear			
battery		method	lithium based cell compound, LiFePO4 (LFP)		
		capacity	1.5	kWh	
		weight	11	kg	
	general	charging cycles	Unlimited charging cycles. After 800 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 removal		
charger		charging points	connection directly to battery or connector at vehicle		
	general	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	