

# SMILE

Number of homologation: e3\*2002/24\*0295\*00

Brand: EVF

Type: TE2WDQP

Category: L7e

Homologation's code: OA ZG2 02

Convenient and efficient, SMILE is the entry level product of the **FAAM heavy quadricycle** range. Available in several configurations, it is the ideal answer to many different light transport needs.

<b>Vehicle category</b>	Chassis L7e – Rear driving axle
<b>Cab seats</b>	2 in front
<b>Engine</b>	MOTOR CFR AC 72V electric AC, 4Kw rated – 10Kw
<b>Speed gear</b>	1-speed
<b>Inverter</b>	AC MOSFET with energy recovery during the braking – microprocessor-based – preventive and permanent diagnosis
<b>Drive battery</b>	detachable battery pack in a single, AISI 316 steel container, composed of 6 12V lead-acid batteries with centralized topping up - 72V 185 Ah/5h 210 Kg
demand type	battery pack with 6 12V lead-gel no-maintenance batteries - 72V 205 Ah/5h
<b>Battery charger</b>	on board (220V)
<b>Recharge time</b>	6/8 hours
<b>Service battery</b>	12V 60 Ah / 90 Ah
<b>Interior compartment heating</b>	Kalori electronic heater with regulation timer and temperature
<b>Tyres</b>	120/90
<b>Brakes</b>	Front disc brakes – back drum brakes
<b>Turning diameter</b>	6.760 mm
<b>Top speed</b>	45 Km/h
<b>Gradeability</b>	18%
<b>Autonomy of operation</b>	70 Km
<b>Minimum height from the ground</b>	220 mm
<b>Maximum height from the ground</b>	2.220 mm
<b>Wheel base</b>	1.800 mm
<b>Maximum ground weight</b>	1.100 Kg
<b>Chassis empty weight</b>	700 Kg
<b>Chassis carrying capacity</b>	400 Kg
<b>Dimensions:</b>	
charging platform height	600 mm
length	2850 mm
width	1270 mm
height	1820 mm
rear overhang	720 mm