



SOLTHERA

SUSTAINABLE MOBILITY SOLUTIONS FOR BUSINESSES

By **Solthera Ltd.**

E-MOTORBIKE

KOTEQ EV-40 PRO



Overall dimensions **2100*770*1070mm**

Body color **Engineering Yellow**

Lighting **LED Light**

Meter **LCD**

Brakes Front/Rear **DISC / DRUM**

Wheelbase **1330 mm**

Seat Height **870mm**

Tire Size **F 3.00-17, R 100/90-17**

Max Range **75km**

Charging Time **3 hrs**

Front Shock Absorber **Hydraulic**

4000W Flat Wire Motor

MOTOR POWER

72 V

MOTOR VOLTAGE

100 N.m

MAX TORQUE

93%

RATED MOTOR EFFICIENCY

75 km/h

MAX SPEED

Lithium Iron Phosphate

BATTERY TYPE

76.8V 45Ah

BATTERY CAPACITY

190*360*295

BATTERY HOLDER SIZE (MM)

15A

CHARGE OUTPUT

E-MOTORBIKE

KOTEQ EV-40 PRO



**REGULATED
TRANSPORT BOX**
(10L – 20L)



**REGULATED
TRANSPORT BOX**
(25L – 45L)



**ACTIVE ELECTRIC
MEDICAL BOX**
(12V/BATTERY, -20°C TO +10°C)

COLD CHAIN E-TRICYCLE

EV4000



KEY SPECIFICATIONS

1.8*1.2*1.2 m

CARGO
COMPARTMENT

800W

REFRIGERATOR
AIRCOOLED

1200W

MOTOR

38 km/h

MAX SPEED

105 km

(ABOVE 20°C),
EXCLUDING
REFRIGERATION

90 km

WITH
REFRIGERATION

-18°C

MIN
TEMPERATURE

72V100AH
LITHIUM

BATTERY

4.00 / 12

TIRES F/R

3200*1250*2000 mm

DIMENSIONS

PASSENGER & HAULAGE E-TRICYCLE

ELECTRIC TRICYCLE



KEY SPECIFICATIONS

**1,800 × 1,210
× 1,510 mm**

CARGO COMPARTMENT

**3,300 × 1,210
× 2,140 mm**

OVERALL DIMENSIONS

4.00-12

FRONT TIRES

145/70-12

REAR TIRES

**72/60 V,
1,800 W**

MOTOR

**18-tube,
Waterproof**

CONTROLLER

**Integrated,
Full-suspension,
Gear-shifting**

REAR AXLE

CARGO E-TRICYCLE

CARGO TRICYCLE

Steel cargo body with three opening sides
1.6-meter

Cargo compartment
1,600 × 1,100 mm

Cargo compartment
3,050 × 1,170 × 1,350 mm



KEY SPECIFICATIONS

3.50-12

FRONT TIRES

4.00-12

REAR TIRES

72/60 V - 1,000 W

MOTOR

18-tube, Waterproof

CONTROLLER

Integrated

REAR AXLE

**37-tube
Hydraulic front fork**

SUSPENSION

E-TRICYCLE

5 SEATER SKW6 5



KEY SPECIFICATIONS

80~90KM

ENDURANCE
MILEAGE

1920 mm

WHEELBASE

VCU

VEHICLE
SYSTEM

3000W

MOTOR

72V

RATED MOTOR
VOLTAGE

3KW

RATED MOTOR
POWER

7.2KW

MOTOR PEAK
POWER

50KW/H

MAX SPEED

Overall dimensions: 2620*1360*1850mm
Body color **Engineering Yellow**

Motor type **3000W Flat Line Motor. Waterproof**
Rating Ip67

Rated speed **3000** , Peak rotational speed **6000**

Peak torque **70N.M**
Transmission type **Reducer casing**
Transmission ratio **1:9.6**

Electronic control **36 busbars with adjustable**
capacity ranging from 90A , Electric Control
Current **Phasewire 380A**

Battery specifications **76.8V50Ah*2**
Battery core **76.8V50Ah**

Maximum Charging Current **0.5C**
Maximum Discharge Current **2C**

DC-DC converter **300W non-isolated**

Unloaded vehicle weight **360KG**
Wheel track **1210mm**

Ground Clearance **150MM**
Steepness Of The Slope $\geq 10^\circ$
Minimum Turning Radius **Left 3.1 Meters, Right**
3.3 Meters

Rear Axle **Full Suspension, Reduction Ratio:**
1:9.6, Spline 18

Front & Rear Hub **12 Inches, Steel**

Tires **4.00—12;8PR**
(With Inner Tube)

Brakes **180 Oil Drum Brake Front**
Rear 220 Oil Drum Brake

Carrying Capacity **425KG**

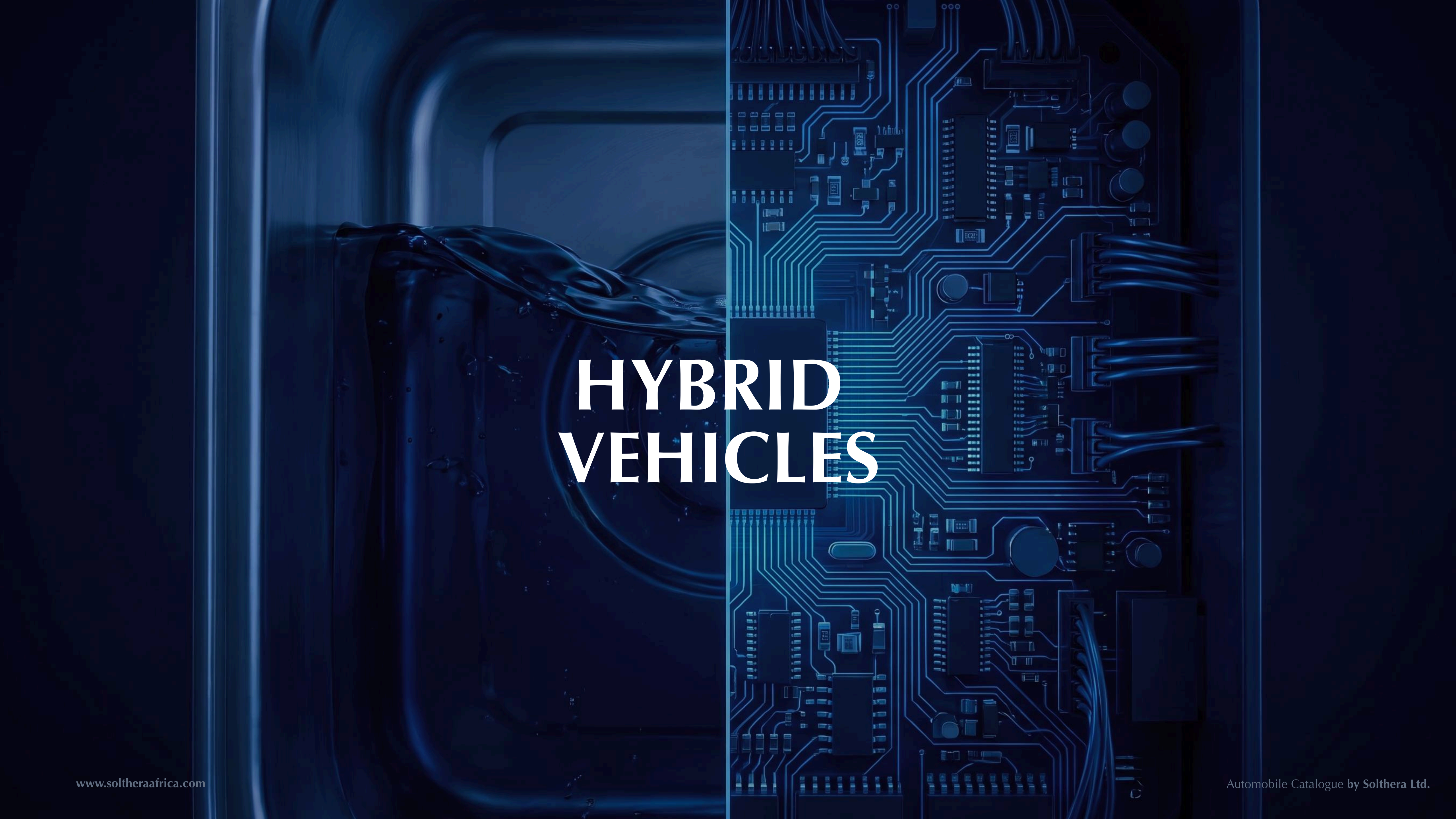
REFRIGERATED E-TRUCK 1.5T

GEELY F1E - ELECTRIC



KEY SPECIFICATIONS

Electric	1.5T	-0.4°F	CLTC 275 km	FOB	\$15,000	Shanghai	4 units	2,950 × 1,100 ×
ENERGY	PAYLOAD	COLD BOX TEMP	RANGE	PRICE TERM	QUOTE PRICE (USD)	PORT / LOCATION	MOQ / NOTE	1,050 mm
								DIMENSIONS



HYBRID VEHICLES

HEAVY DUTY HYBRID TRICYCLE

ELECTRIC/FUEL HYBRID



KEY SPECIFICATIONS

**Magnetic Cube
3000W**
TRACTION MOTOR MODEL

**Full-floating
cast iron**
REAR AXLE

**Front 375-120
Rear 400-120**
STEEL-BELTED TIRES

40km/h
MAXIMUM SPEED

1500kg
LOAD CAPACITY

1060mm
WHEEL BASE

**72v100ah,
46kg**
COOLING CAPACITY

Cargo compartment
2,950 × 1,100 × 1,050 mm

Overall dimensions
3500 × 1430 × 1450mm

Vehicle weight: 270kg

Frame: **Double-layer integrated curved beam frame, 5 main beams, 1.1mm steel plate bottom cover**

Suspension system: **50mm hydraulic external spring suspension**

Braking system: **220mm brake drum, triple-brake linkage, hill descent control, anti-rollback**

Painting: **Three-coat, three-bake industrial paint**

Lighting: **Black Warrior headlights and searchlights**

Features: **Automotive-grade cargo box craftsmanship, double-layer truck steel plates, anti-rust sealing treatment, wear-resistant and waterproof seat, independent tool box**

HYBRID TRICYCLE

8 SEATER KEKE



KEY SPECIFICATIONS

Hybrid
EV/Petrol

FUEL

80km

EV RANGE

Extender 80km

PETROL RANGE

8 SEATS

CAPACITY

4000W

MOTOR

77V & 50AH

DUAL BATTERY

With MOQ

LOGO
CUSTOMISATION

Digital with
Reverse Camera

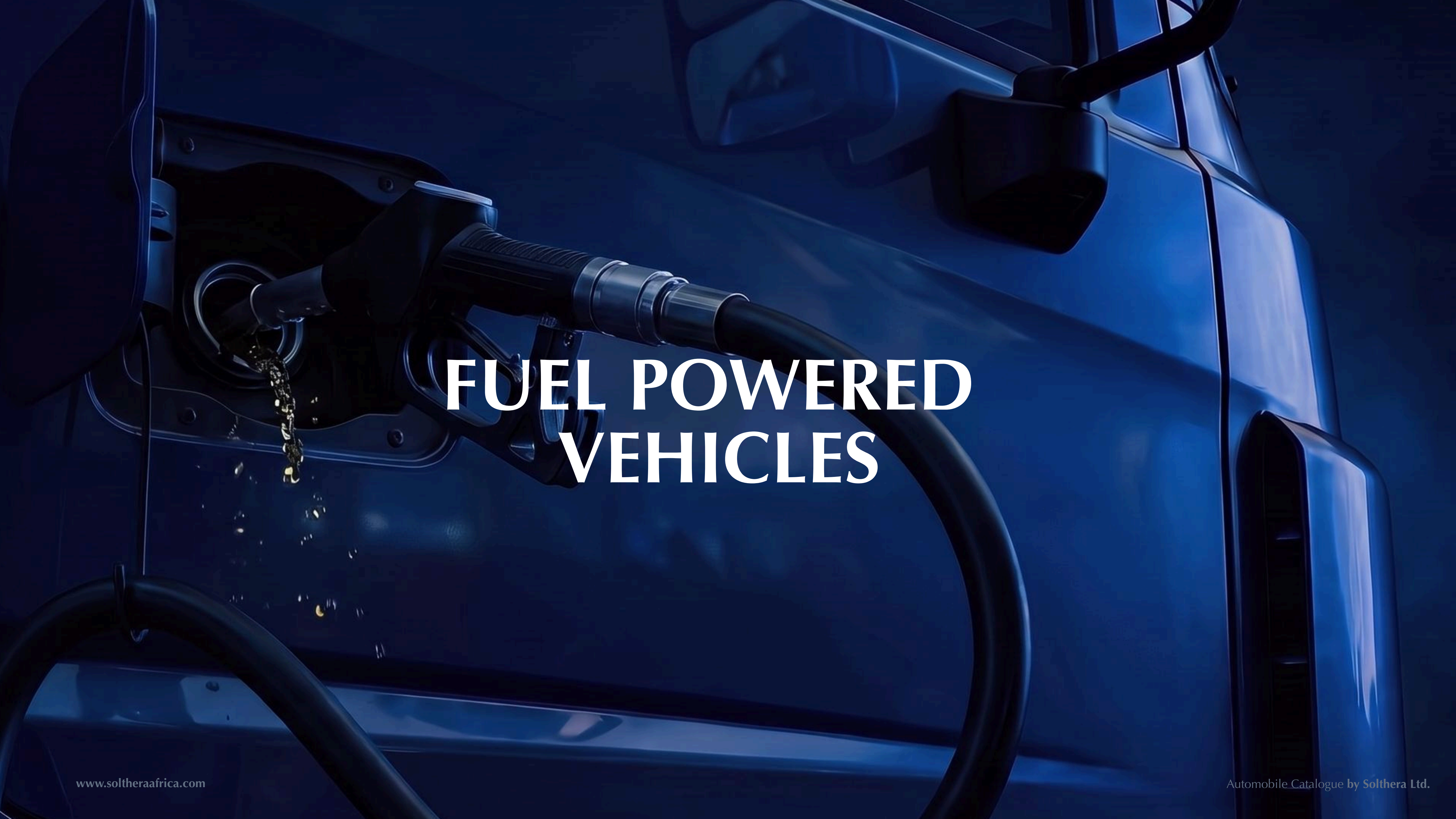
DASHBOARD

EXTERIORS, INTERIORS & FEATURES

- Digital Dashboard
- Radio & Sound system
- Reverse camera and dashboard display
- Steady steering - anti vibration
- Swappable battery access
- Lightweight high capacity battery technology.
- Dual battery design: 77V & 50AH each
- USB charging ports (for phones)
- Logo customization with MOQ
- Enhanced Suspension system
- (for Nigerian road conditions)
- 2 fans (driver and rear)
- Rain protection side covers with foldable straps
- Warning voice alerts for engine on/off and
- reverse in local language(customizable)

ELECTRIC HYBRID TRICYCLE — 8 SEATER



A close-up, low-angle shot of a blue car's fuel tank being refueled. A black fuel nozzle is inserted into the tank, and a stream of fuel is visible dripping from the nozzle. The car's body is highly reflective, showing highlights and shadows. The overall color palette is dominated by deep blues and blacks, creating a sleek, modern aesthetic.

FUEL POWERED VEHICLES

FREIGHT TRICYCLE

FUEL POWERED



KEY SPECIFICATIONS

200cc	10.2kw (7500r/min)	15L (Gasoline)	Shaft	≥60 km/h	Front/Rear 4.5-12	2220mm	385kg	≤1600 kg
DISPLACEMENT	REAR AXLE	FUEL TANK CAPACITY	TRANSMISSION	MAXIMUM SPEED	TIRE SIZE	WHEEL BASE	KERB WEIGHT	MAX LOADING CAPACITY

Overall Size (Length Width*Height)
3400x1400x1600mm

Cargo dimensions
1800x1300x390 mm

Engine Displacement:
200cc water cooling 4-stroke

Rear Axle: Semi-Floating Stamping Rear
Axle (with Booster)

Brake: Front/Rear Drum

Change Gear: 5 Gears

Rear Suspension: Leaf Spring and
Damper

Ground Clearance(mm): 170 mm

Self-unloading function: YES

Container Loading Quantity:
45 units in SKD in 40HQ

COLD-CHAIN TRICYCLE

FUEL POWERED



Cargo compartment
1800*1200*1200mm

Overall dimensions
3300*1240*2000mm

Gasoline engine brand: **Loncin**

Minimum ground clearance: **170mm**

Brake type: **200** drum brake
Brake operation : **Foot+ hand**

Tire specification (Front/Rear): **5.00-12**
for both front and rear

Starting method: **Electric + Kick**

Refrigeration unit power: **800W**
Cooling method: **Air-cooled**
Continuous cooling: **5 hours** approx
Battery: **Lead-acid maintenance-free**
Charger input power voltage:
220V/50HZ

Fuel tank capacity: **10L**
Climbing ability (α%): **45°**
Front shock absorber: **43mm**
Vehicle color: **Customisable**

KEY SPECIFICATIONS

150CC

DISPLACEMENT

2100mm

WHEELBASE

Air-cooled

COOLING
METHOD

1080mm

WHEEL
TRACK

460Kg

CURB
WEIGHT

1000Kg

RATED LOAD
CAPACITY

80Km/h

MAXIMUM
SPEED

-20°C

COOLING
CAPACITY

6-8 hours

CHARGING
TIME

COLD-CHAIN TRUCK 6T

X60 - FUEL POWERED



KEY SPECIFICATIONS

Diesel	6T	-18°C body	WP3NQ150E50	3550 mm	Factory / EXW	\$28,950	Chengdu	25 units
ENERGY	PAYLOAD	COLD BOX TEMP	ENGINE	WHEELBASE	PRICE TERM	QUOTE PRICE (USD)	PORT / LOCATION	MOQ / NOTE

OUR FINANCING MODEL

“You don’t have to own the cold chain, you can earn from it”

This is how we scale the cold grid and put cold-chain income into the hands of thousands of owner-operators; creating jobs, growing micro-businesses, and reaching rural areas no central fleet ever could.

HOW LEASE-TO-OWN WORKS

1. START WITH WHAT YOU HAVE

Step into a Solthera e-motorbike, e-tricycle, or e-truck with minimal upfront capital; or convert your harvest into a down-payment.

2. EARN FROM DAY ONE

AfriChill OS sends verified delivery orders straight to your phone. Your vehicle works from the moment you join the Solthera network; never idle, always earning.

3. PAY AS YOU EARN

A manageable weekly or monthly deduction, designed to sit comfortably below what the vehicle earns you on the network.

4. OWN IT OVER TIME

Every payment builds equity. At the end of the term, the vehicle belongs to you. You can choose to remain on the network and grow your fleet in Solthera’s network.

5. FULLY TRACEABLE, FULLY SUPPORTED

Dispatch, live tracking, GIT and insurance are all handled by Solthera; so, you can focus on the road and optimal delivery conditions.

OUR FINANCING MODEL

“FROM DRIVER TO OWNER, ONE DELIVERY AT A TIME”

OPTION	STRUCTURE	BEST FOR
Lease-to-own	Access a vehicle, earn on the network, own it over time	Drivers, entrepreneurs, SME owners and fleet managers.
Operational Lease	Fixed monthly subscription; Solthera owns and maintains	Growing networks; capex-constrained operators
Hybrid	Own your cold rooms; lease fleet and technology	Operators who want asset flexibility as EV tech evolves
Outright Purchase	Full ownership; we install, commission and warranty	Businesses that prefer to own their assets.



PARTNER WITH US

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