

PRODUCT LINE CARD

DAE MOTORS

The environmental friendly cars





DAE Motors is a technology innovative company aiming to provide transportation need for the everyday working people while preserving the environment.



Our innovation in motor and battery system and controller technology enables us to deliver more EV with less cost.



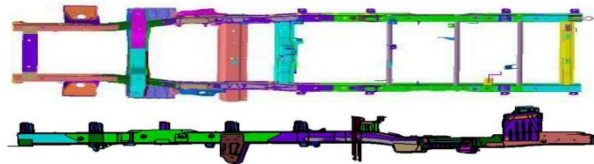
KITORI electric powered mini pickup



KITORI is a hardy rigid electric work horse. It can carry whole 4x8 sheet flat. It can haul a whole ton of bricks. It can also be configured into box van or refrigerated van.

It does not emit any pollutant running around the city. What's more it saves the cost on fuel, routine maintenance, engine oil change, etc. Under ideal conditions, this truck pays for itself within three year.

KITORI electric powered mini pickup	
L * W * H	4980*1620*1570 mm
Wheel Base	3050 mm
Curb Weight	1510 kg
Max. Weight	2500 kg
Range	260 km
Motor (kw)	30/60 peak
Battery	42 KWh
Cargo Area	3100*1500*327 mm
Reference Price	\$16,800



Right hand drive and
left hand drive
available

SPARROW the electric cars



Features	Parameters
Electric Motor power:	20 + 4 KW; 4 wheel drive
L × W × H:	3440 * 1550 * 1535 mm
Wheel Base:	2350 mm
CLTC Range / Battery	220 km / 18.4 kWh
Tire	175/55R15
Reverse Imaging	Yes
Reference Price:	\$9,500

This SPARROW is small electric vehicle suitable for urban dweller. It seats uncomfortably four with two crouching in the back. It is designed for short trip. It is suitable for pickup kids from school, for going to the bank, for going to the supermarket or day to day commute. The range is 220 km. It can be fast or slow charged.

Both Left hand and Right hand drive are available.



SIERRA the medium size electric cars



Peugeot 408 is a good performance sedan with affordable price. When this SEIRRA is designed many consideration is focused on bench mark with 408 in terms of performance, drivability, cornering and handling. As a result this SIERRA is middle ground performance yet affordable electric vehicle suitable for everyday use. It seats comfortably five with plenty of space on rear seats.

Features	Parameters
Electric Motor power:	110 kw; 230 N.m
L × W × H:	4750 × 1820 × 1518 mm
Wheel Base:	2730 mm
NEDC Range / Battery	430 km / 53 KWh
Tire	215/50 R17
Top speed	140 km/hr
Parking Brake	Electric Controller Automatic
Ground Clearance	124 mm
Charging Time	9 hr / 0.8 hr
Central Touch Screen	9.7 inches
Reverse Imaging	Yes
Air Conditional	Automatic
Reference Price:	\$19,700

SIERRA the performance electric cars



This SEIRRA is suitable for corporate fleet. Its ideal size, range and performance make it extremely desirable for corporate or Government fleet. Many use it a Uber taxi or as city to airport transporter. Since it is electric, the operation cost is very low. It can be charged by DC fast charge or by AC slow charge at home.



KANGAROO the electric MPV



This Kangaroo can carry 6 comfortable and spare room for luggage. It has range of 400 km and 245 N.m of torque is the perfect choice for family utility vehicles and all around taxi operation.

Features	Parameters
Electric Motor power:	90 kw; 245 N.m
L × W × H:	4510 × 1725 × 1700 mm
Wheel Base:	2700 mm
NEDC Range / Battery	402 km / 56.7 KWh (LPF)
Tire	186/65R15
Top speed	130 km/hr
Steering	Electric Power Steering
Curb Weight	1580 kgs
Charging Time	9 hr / 0.8 hr
Tire Pressure	TPMS
Multi Media	CarLife support
Safety	ABS; EBD;
Reference Price:	\$18,700

KANGAROO the electric MPV



400 km is far above most of the taxi range per day. It features 60KW fast charge. With half an hour charge, this vehicle can be on the road again.

ZEN

ZEN is a high performance sports electric sedan with European elements.

- Its modern futuristic shape is created by renowned European design house.
- The suspension system is fine tuned and balanced between performance and driving comfort. It delivers a true performance sport sedan driving experience.
- The dual motor version can accelerate from 0 to 100km/hr within 5.8 seconds.
- Dimension: 4675*1835*1480 mm
- Wheel Base: 2750 mm
- Electric motor: 110kw or 170kw (dual motor)
- Tire size: 225/45R18
- NEDC range: 500km
- Reference price: \$29,900



CANCUN Power Pack in tow



Type of battery	Lithium Iron Phosphate
Storage Power	76.8 kWh
Output	Type 2 (EN62196) DC 60kw charging plug with 3 meters wire
Output	220VAC European receptacle
Input	220VAC standard plug w/3 meters wire
Input	Type 2 (EN62196) AC receptacle
Input	Type 2 (EN62196) DC receptacle
Communication	CAN bus
Weight	790 kg
Dimension	1500 x 1450 x 890 mm
Tail/Brake Light	LED
Tire	165/70R13
Brake	Hydraulic/Drum
Reference Price	\$16,800



Portable Power | Long Trip | Camping | Field Work

DAE Motor Introduction

DAE China DAE Motors Co. Ltd.

DAE Motors was founded 2019 in Changxing, a industrial city about 150 km west of Shanghai.

The company is committed to electrify transportation for the sake of preserving our mother earth.

- Focus on Technology and Market
- Fully utilize the idle capacity in China and outsource the manufacturing
- Supplies core technology e-drive system
- EV as end products to generate profit abroad

DAE Motors has solid manufacturing base in China while keeping a strong market foundation overseas.

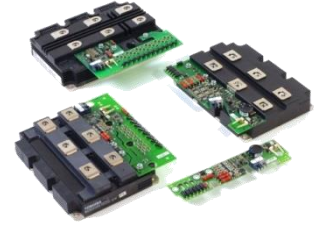


Birdseye view of the factory with office building in front



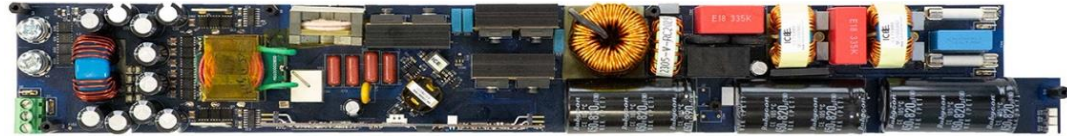


MOTOR & CONTROLLER



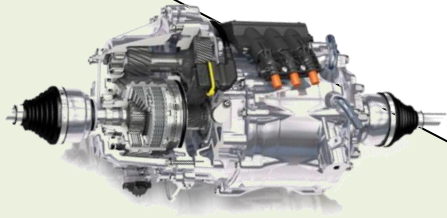
- Synchronous Reluctance Motor (SRM) requires significant levels of technology to design and to manufacture but it costs less than PM motor and doesn't require the supply critical rare earth material.
- Compare to PM, the torque range on the SRM is better and less susceptible to heat damage. SRM can reach higher rpm than PM. The starting current is much lower and generate less heat.
- Use flat wire to increase magnetic density

Use SiC MOSFET (Silicon Carbide Metal-Oxide-Semiconductor-Field-Effect) chip in motor controller/inverter for its low heat generation, small in size, increased current density and higher switching voltage. As a result, the controller is smaller, the wave form is smoother and less switching noise generated.



Core Technology Products

- e-drive motor
- Automatic transmission
- Battery management system
- EV controller
- Motor controller



CONTROLLER

- Vehicle controller can dynamically distribute torque according to driving conditions to stabilize the vehicle and to increase safety.
- Motor controller is smaller in size while can switch higher voltage and generate less heat.
- Proprietary battery control algorithm, efficient and fast response

- SRM has wider torque range, better low rpm torque, low starting current and more heat resistance
- Currently SRM only used by Tesla and Porsche Taycan besides DAE

Automatic Transmission

- 2-AT for passenger EV
- 4-AT for heavy commercial EV
- All mechanical gear switching
- Planetary gear set to increase efficacy

THANK YOU

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