



ROTOM®

Intelligent

*High
Performance*

**EEC APPROVED
ELECTRIC
MOTORCYCLE
SCOOTER**

Smart electric motorcycles
and scooters,
With ROTOM Integrated E-motor
Smart System.

2019/20
www.rotom.cn



COMPANY BRIEFING



ROTOM is a factory with WMI and ISO certified, which committed to build the world's leading intelligent high-performance electric motorcycles and scooters. Therefor we have integrated the industry's leading resources, developed a series of products and provided a complete solutions.

First, we abandoned the traditional lead-acid batteries which are low efficiency, high pollution and short life, and chose the lithium batteries with long life, safety and reliability as our energy source. These batteries have effectively improved the performance of the vehicle. Considering their 8-10 years life and more than 2500 charging cycles, we believe that their limited cost increases are acceptable. We provide power supply solutions for more than 90% of electric motorcycles and scooters in the market. Some special designs make it suitable for various battery storage spaces. In addition, we also provide movable and replaceable solutions.

Rotom has been producing electric vehicles according to the standard of high-performance motorcycles and has applied for a series of European certifications. Our high-performance electric motorcycles can achieve some of the performance of motorcycles and even surpass. We are committed to cooperating with professional customers, and welcome the factory to cooperate with us. We have unique experience in the supply and service of CKD parts. We can even help customers build factories in their countries. We are professional and efficient.

**DOUBLE
PORTABLE**

Dual battery design for most of the e motorcycles, double power and double range

**5 YEARS
RELIABLE**

5 years warranty unlimited miles/km

**-20~80°C
STABLE**

Stable from -20°C to 80°C
Suitable for 95% regions of the world

**2500+
DURABLE**

2500+ charging cycles
8-10 years life

X3
RTM-EX3



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000/5000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6/38kg
Range(km)	60/80/140km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	120km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	2080*720*1150mm
Wheelbase(mm)	1420mm
Front Tyre	110/70-17
Rear Tyre	140/70-17
N.W.(kg)	114kg
G.W.(kg)	129kg
40'HQ(Units)	75Units



X5
RTM-EX5



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000/5000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6/38kg
Range(km)	60/80/140km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	120km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	2080*720*1150mm
Wheelbase(mm)	1420mm
Front Tyre	110/70-17
Rear Tyre	140/70-17
N.W.(kg)	114kg
G.W.(kg)	129kg
40'HQ(Units)	75Units



X6
RTM-EX6



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000/5000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6/38kg
Range(km)	60/80/140km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	120km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	2080*720*1150mm
Wheelbase(mm)	1420mm
Front Tyre	110/70-17
Rear Tyre	140/70-17
N.W.(kg)	114kg
G.W.(kg)	129kg
40'HQ(Units)	75Units





X7
RTM-EX7

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000/5000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6/38kg
Range(km)	60/80/140km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	120km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	2080*720*1150mm
Wheelbase(mm)	1420mm
Front Tyre	110/70-17
Rear Tyre	140/70-17
N.W.(kg)	114kg
G.W.(kg)	129kg
40'HQ(Units)	75Units







 Bluetooth







X8



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000/5000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6/38kg
Range(km)	60/80/140km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	120km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	2080*720*1150mm
Wheelbase(mm)	1420mm
Front Tyre	110/70-17
Rear Tyre	140/70-17
N.W.(kg)	114kg
G.W.(kg)	129kg
40'HQ(Units)	75Units



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000/5000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6/38kg
Range(km)	60/80/140km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	120km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	2080*720*1150mm
Wheelbase(mm)	1420mm
Front Tyre	110/70-17
Rear Tyre	140/70-17
N.W.(kg)	114kg
G.W.(kg)	129kg
40'HQ(Units)	75Units



X9

RTM-EX9



RAY
RTM-E21

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000/5000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6/38kg
Range(km)	60/80/140km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	120km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	2080*720*1150mm
Wheelbase(mm)	1420mm
Front Tyre	110/70-17
Rear Tyre	140/70-17
N.W.(kg)	114kg
G.W.(kg)	129kg
40'HQ(Units)	75Units



RAY
RTM-E21



TERMINATOR

RTM-E18



Motor Type
Motor Power
Rated Voltage
Battery Type
Capacity(Ah)
Battery Weight(kg)
Range(km)
Charging Time(hour)
Fast charging (hour)
Charger Input(v)
Max Speed(km/h)
Front Break
Rear Break
Dimension(mm)
Wheelbase(mm)
Front Tyre
Rear Tyre
N.W.(kg)
G.W.(kg)
40'HQ(Units)

Interior Permanent Magnet, Brushless
3000/5000 Watts
72V
"ROTOM® Li-Ion Intelligent Integrated"
26/35Ah DualPower®
15.5/18.6/38kg
60/80/140km
6-8 hours
1.5h
110-220V
120km/h
270*3.5mm Disk
240*3.5mm Disk
2080*720*1150mm
1420mm
110/70-17
140/70-17
114kg
129kg
75Units

TERMINATOR



M6

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	90km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	1840*805*1010mm
Wheelbase(mm)	1340mm
Front Tyre	130/70-12
Rear Tyre	130/70-12
N.W.(kg)	85kg
G.W.(kg)	105kg
40'HQ(Units)	108Units



EG

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	2000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	270*3.5mm Disk
Rear Break	240*3.5mm Disk
Dimension(mm)	1840*805*1010mm
Wheelbase(mm)	1340mm
Front Tyre	90/90-17
Rear Tyre	90/90-17
N.W.(kg)	85kg
G.W.(kg)	105kg
40'HQ(Units)	108Units



T8

Motor Type	Interior Permanent Magnet, Brushless	Max Speed(km/h)	85km/h
Motor Power	3000 Watts	Front Break	Disk
Rated Voltage	72V	Rear Break	Disk
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"	Dimension(mm)	1820*680*1080mm
Capacity(Ah)	26/35Ah DualPower®	Wheelbase(mm)	1300mm
Battery Weight(kg)	15.5/18.6kg	Front Tyre	130/60-13
Range(km)	80/100km	Rear Tyre	130/60-13
Charging Time(hour)	6-8 hours	N.W.(kg)	126kg
Fast charging (hour)	1.5h	G.W.(kg)	141kg
Charger Input(v)	110-220V	40'HQ(Units)	54Units



T9



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1820*680*1080mm
Wheelbase(mm)	1300mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	126kg
G.W.(kg)	141kg
40'HQ(Units)	54Units



T10



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1820*680*1080mm
Wheelbase(mm)	1300mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	126kg
G.W.(kg)	141kg
40'HQ(Units)	54Units





Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1820*680*1080mm
Wheelbase(mm)	1300mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	126kg
G.W.(kg)	141kg
40'HQ(Units)	54Units



T3



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	210*880*1290
Wheelbase(mm)	1400mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	82kg
G.W.(kg)	97kg
40'HQ(Units)	75 Units



RMAX

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1820*680*1080mm
Wheelbase(mm)	1300mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	126kg
G.W.(kg)	141kg
40'HQ(Units)	54Units



DRAGON

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1820*680*1080mm
Wheelbase(mm)	1300mm
Front Tyre	120/70-12
Rear Tyre	120/70-12
N.W.(kg)	74.3kg
G.W.(kg)	89.3kg
40'HQ(Units)	84Units



SUNNY

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1830*700*1140mm
Wheelbase(mm)	1380mm
Front Tyre	3.50-10
Rear Tyre	3.50-10
N.W.(kg)	74.3kg
G.W.(kg)	89.3kg
40'HQ(Units)	84Units



A10



DOUBLE
RANGE

5 YEARS
WARRANTY

Bluetooth



EEC



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1830*700*1140mm
Wheelbase(mm)	1380 mm
Front Tyre	3.50-10
Rear Tyre	3.50-10
N.W.(kg)	74.3 kg
G.W.(kg)	89.3 kg
40'HQ(Units)	84 Units



EK2
RTM-E6

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	210*880*1290
Wheelbase(mm)	1400mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	82kg
G.W.(kg)	97kg
40'HQ(Units)	75 Units



EAGLE KING-2



EK-4

Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	210*880*1290
Wheelbase(mm)	1400mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	82kg
G.W.(kg)	97kg
40'HQ(Units)	75 Units



FALCON
RTM-E7



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	210*880*1290
Wheelbase(mm)	1400mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	82kg
G.W.(kg)	97kg
40'HQ(Units)	75 Units



HAWK
RTM-E20



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	3000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	210*880*1290
Wheelbase(mm)	1400mm
Front Tyre	130/60-13
Rear Tyre	130/60-13
N.W.(kg)	82kg
G.W.(kg)	97kg
40'HQ(Units)	75 Units



EXPRESS
REM-E23



Motor Type	Interior Permanent Magnet, Brushless	Max Speed(km/h)	85km/h
Motor Power	3000 Watts	Front Break	Disk
Rated Voltage	72V	Rear Break	Disk
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"	Dimension(mm)	1740*690*1080 mm
Capacity(Ah)	26/35Ah DualPower®	Wheelbase(mm)	1300 mm
Battery Weight(kg)	15.5/18.6kg	Front Tyre	3.00-10
Range(km)	80/100km	Rear Tyre	3.00-10
Charging Time(hour)	6-8 hours	N.W.(kg)	56kg
Fast charging (hour)	1.5h	G.W.(kg)	69kg
Charger Input(v)	110-220V	40'HQ(Units)	87Units



BLADE
RTM-E4



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	2000 Watts
Rated Voltage	72V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	80/100km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	85km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1940*730*1130 mm
Wheelbase(mm)	1450 mm
Front Tyre	120/70-12
Rear Tyre	120/70-12
N.W.(kg)	82kg
G.W.(kg)	97kg
40'HQ(Units)	84 Units



FAIRY



Motor Type	Interior Permanent Magnet, Brushless
Motor Power	1000 Watts
Rated Voltage	60V
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"
Capacity(Ah)	26/35Ah DualPower®
Battery Weight(kg)	15.5/18.6kg
Range(km)	90/120km
Charging Time(hour)	6-8 hours
Fast charging (hour)	1.5h
Charger Input(v)	110-220V
Max Speed(km/h)	75km/h
Front Break	Disk
Rear Break	Disk
Dimension(mm)	1675*700*1050mm
Wheelbase(mm)	1180 mm
Front Tyre	3.00-10
Rear Tyre	3.00-10
N.W.(kg)	48kg
G.W.(kg)	63kg
40'HQ(Units)	87Units





Motor Type
Motor Power
Rated Voltage
Battery Type
Capacity(Ah)
Battery Weight(kg)
Range(km)
Charging Time(hour)
Fast charging (hour)
Charger Input(v)
Max Speed(km/h)
Front Break
Rear Break
Dimension(mm)
Wheelbase(mm)
Front Tyre
Rear Tyre
N.W.(kg)
G.W.(kg)
40'HQ(Units)

METEOR

Interior Permanent Magnet, Brushless
1000 Watts
60V
"ROTOM® Li-Ion Intelligent Integrated"
26/35Ah DualPower®
15.5/18.6kg
90/120km
6-8 hours
1.5h
110-220V
75km/h
Disk
Disk
1675*670*1080 mm
1250 mm
3.00-10
3.00-10
63 kg
78 kg
105Units



Motor Type
Motor Power
Rated Voltage
Battery Type
Capacity(Ah)
Battery Weight(kg)
Range(km)
Charging Time(hour)
Fast charging (hour)
Charger Input(v)
Max Speed(km/h)
Front Break
Rear Break
Dimension(mm)
Wheelbase(mm)
Front Tyre
Rear Tyre
N.W.(kg)
G.W.(kg)
40'HQ(Units)

CANDY

Interior Permanent Magnet, Brushless
1000 Watts
60V
"ROTOM® Li-Ion Intelligent Integrated"
26/35Ah DualPower®
15.5/18.6kg
90/120km
6-8 hours
1.5h
110-220V
75km/h
Disk
Disk
1675*670*1080 mm
1250 mm
3.00-10
3.00-10
63 kg
78 kg
105Units

TORINO

Interior Permanent Magnet, Brushless
1000 Watts
60V
"ROTOM® Li-Ion Intelligent Integrated"
26/35Ah DualPower®
15.5/18.6kg
90/120km
6-8 hours
1.5h
110-220V
75km/h
Disk
Disk
1675*670*1080 mm
1250 mm
3.00-10
3.00-10
63 kg
78 kg
105Units



T3

Interior Permanent Magnet, Brushless
1000 Watts
60V
"ROTOM® Li-Ion Intelligent Integrated"
26/35Ah DualPower®
15.5/18.6kg
90/120km
6-8 hours
1.5h
110-220V
75km/h
Disk
Disk
1675*670*1080 mm
1250 mm
3.00-10
3.00-10
63 kg
78 kg
78Units





Motor Type	Interior Permanent Magnet, Brushless	Max Speed(km/h)	75km/h
Motor Power	500 Watts	Front Break	Disk
Rated Voltage	60V	Rear Break	Disk
Battery Type	"ROTOM® Li-Ion Intelligent Integrated"	Dimension(mm)	1675*670*1080 mm
Capacity(Ah)	26/35Ah DualPower®	Wheelbase(mm)	1250 mm
Battery Weight(kg)	15.5/18.6kg	Front Tyre	3.00-10
Range(km)	90/120km	Rear Tyre	3.00-10
Charging Time(hour)	6-8 hours	N.W.(kg)	63 kg
Fast charging (hour)	1.5h	G.W.(kg)	78 kg
Charger Input(v)	110-220V	40'HQ(Units)	75Units



 Bluetooth



 DOUBLE RANGE

 3 YEARS WARRANTY

 Various Color

 EEC



LITHIUM BATTERY INTELLIGENT E-MOTORS SYSTEM SOLUTION

ROTOM is committed to build the world's leading intelligent high-performance electric motorcycles and scooters. Therefor we have integrated the industry's leading resources, developed a series of products and provided a complete solutions.

First, we abandoned the traditional lead-acid batteries which are low efficiency, high pollution and short life, and chose the lithium batteries with long life, safety and reliability as our energy source. These batteries have effectively improved the performance of the vehicle. Considering their 8-10 years life and more than 2500 charging cycles, we believe that their limited cost increases are acceptable. We provide power supply solutions for more than 90% of electric motorcycles and scooters in the market. Some special designs make it suitable for various battery storage spaces. In addition, we also provide movable and replaceable solutions.

Meanwhile, in order to make the whole vehicle have more excellent performance, we have developed an integrated solution for intelligence electric vehicles, which includes high-performance motor, controller, intelligent instrument and vehicle control system (ECU) etc. These equipments cooperate with each other under precise control and work well, so that the performance of the whole vehicle has reached an unprecedented level. We have developed a custom APP, which is suitable for IOS and Android systems. Users can easily communicate with vehicles through mobile phones. The motorcycle is no longer a simple vehicle, but an intelligent travel robot.

Moreover, we believe that long waiting time for charging is intolerable, so we provide a convenient and removable dual battery design, and we have greatly improved the performance of the charger. Now you can choose a charger that can effectively shorten the charging time and fill up 95% of the power in one hour at the fastest. These measures stop you worrying about travel range.

ROTOM's integrated solution allows you to enjoy intelligent travel.

HARDWARE

- 1.Motor
- 2.Controller
- 3.Battery
- 4.ECU
- 5.Speedometer
- 6.Remote controller
- 7.Charger



LITHIUM BATTERY

Reliable
/
Long Life
/
Smart

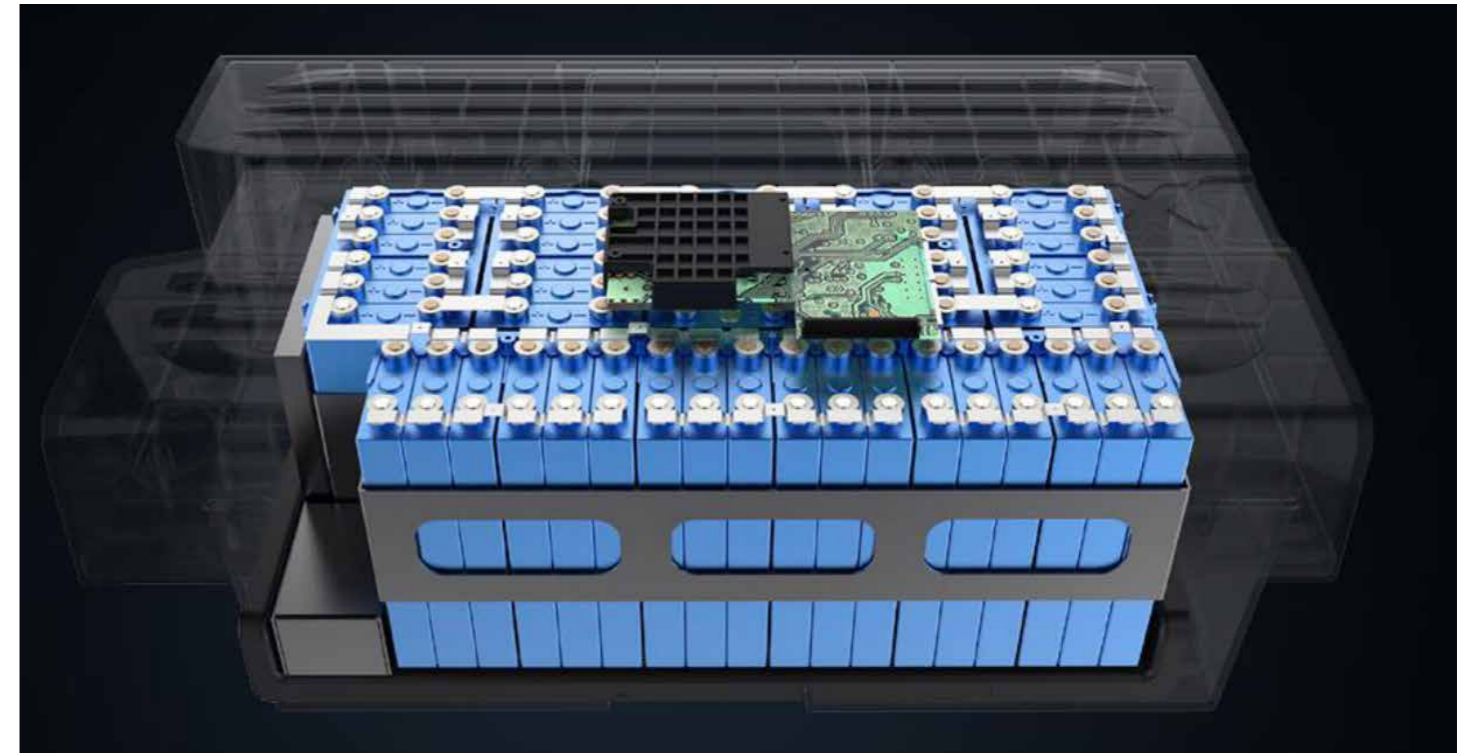


RELIABLE

Arrangement of Cells

Cell used for electric cars
high performance and safe.

Excellent thermal management
system in battery pack



LARGE CAPACITY VS
SMALL BODY

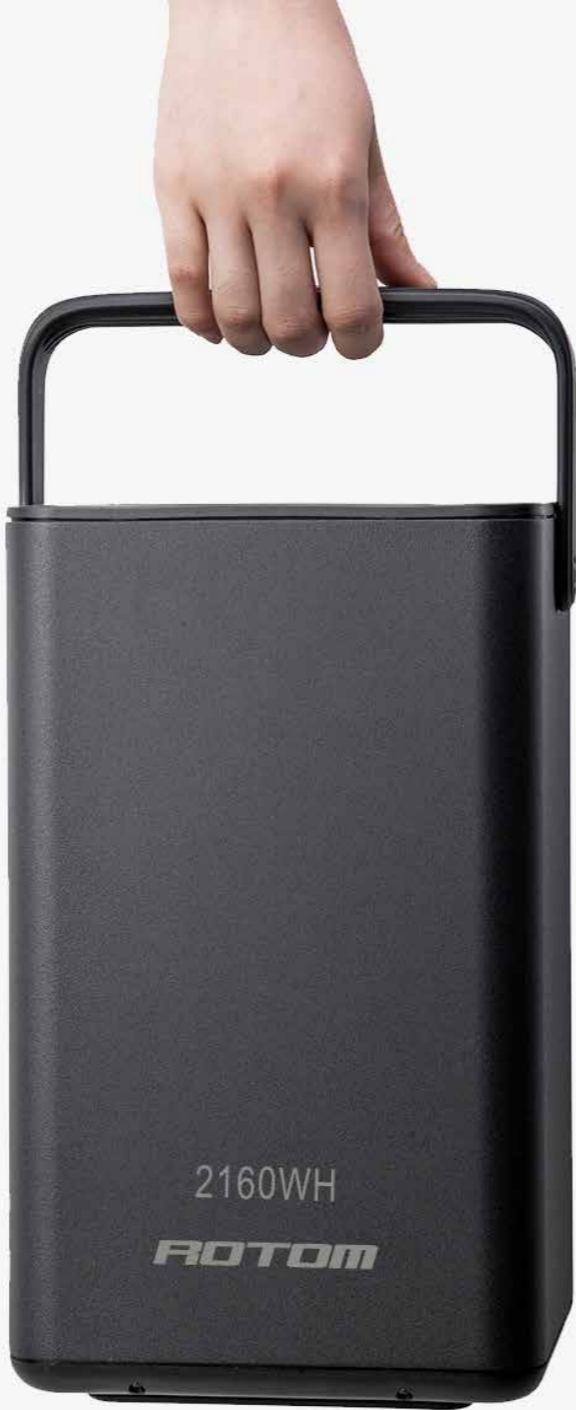
At the same time as 30Ah, the lithium battery weighs only 15kg, making it easy to remove and charge.

48V26AH, 48V35AH
60V26AH, 60V35AH
72V26AH, 72V35AH
72V50AH....

1560 WH 9.7 KG

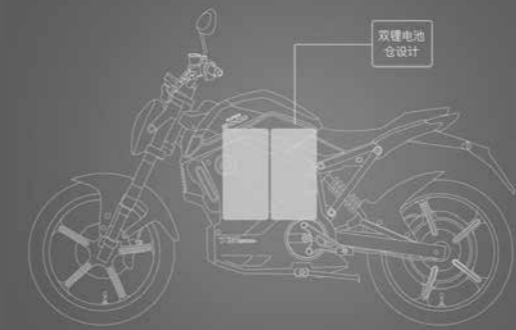
1872 WH 15.5 KG

2520 WH 18.6 KG



PORTABLE BATTERY

Portable design makes dual battery possible



PORTABLE



Locate

- ✓ Support satellite and base station positioning

Remote cloud management

- ✓ Remote query: battery level / mileage / speed / history track /charging cycles
- ✓ Remote maintenance: data collection / firmware upgrade / parameter modification

Mechanical key starter

- ✓ Start the vehicle with a traditional mechanical key

Smart one-button start vehicle

- ✓ DKE Dynamic Sensing: When the authorized mobile phone is near the vehicle, press the one-button to start the vehicle.
- ✓ BLE Sensing: When the authorized BLE is near the vehicle, press the one-button to start the vehicle.
- ✓ Use the remote control handle: Press the "unlock" button, then press the one-button to start the vehicle within 10s.
- ✓ Use the app to remotely start the vehicle.

Multiple ways to turn off the vehicle

- ✓ Turn off the vehicle with a traditional mechanical key.
- ✓ Use the remote control handle: Press the "lock" button to turn off the vehicle.
- ✓ Use the app to remotely turn off the vehicle.
- ✓ Use the one-button to turn off the vehicle.

Various saddle opening methods

- Use the remote control handle: Hold down "unlock" button for 3s to open the saddle.
- Use the app to open the saddle.

Multiple car-seeking methods

- ✓ Use the remote control handle: Press the "vehicle-search" button to find your vehicle.
- ✓ Use the app to remotely search your vehicle.

Light switch control

- ✓ Control the switch of the running light according to the bus command.

Whistle control

- After receiving the bus whistle command, drive the horn to whistle.

Automatic arming

- Automatically armed within 2 minutes after the vehicle is turned off .

Automatic disarming

- Automatically disarmed after starting the vehicle.

Dynamic state management

- Real-time drive/static state changes to intelligently control power consumption.

Bus management

- Support 485 bus, manage dashboard/ BMS/controller
PS: Built-in bus protocol

Active burglar

- Vibration alarm
- Displacement alarm
- Power failure alarm
- Intelligent lock motor
- Bus anti-theft

INTELLIGENT TERMINAL ECU

ROTOP description of requirements of
Intelligent central control system

Smart APP

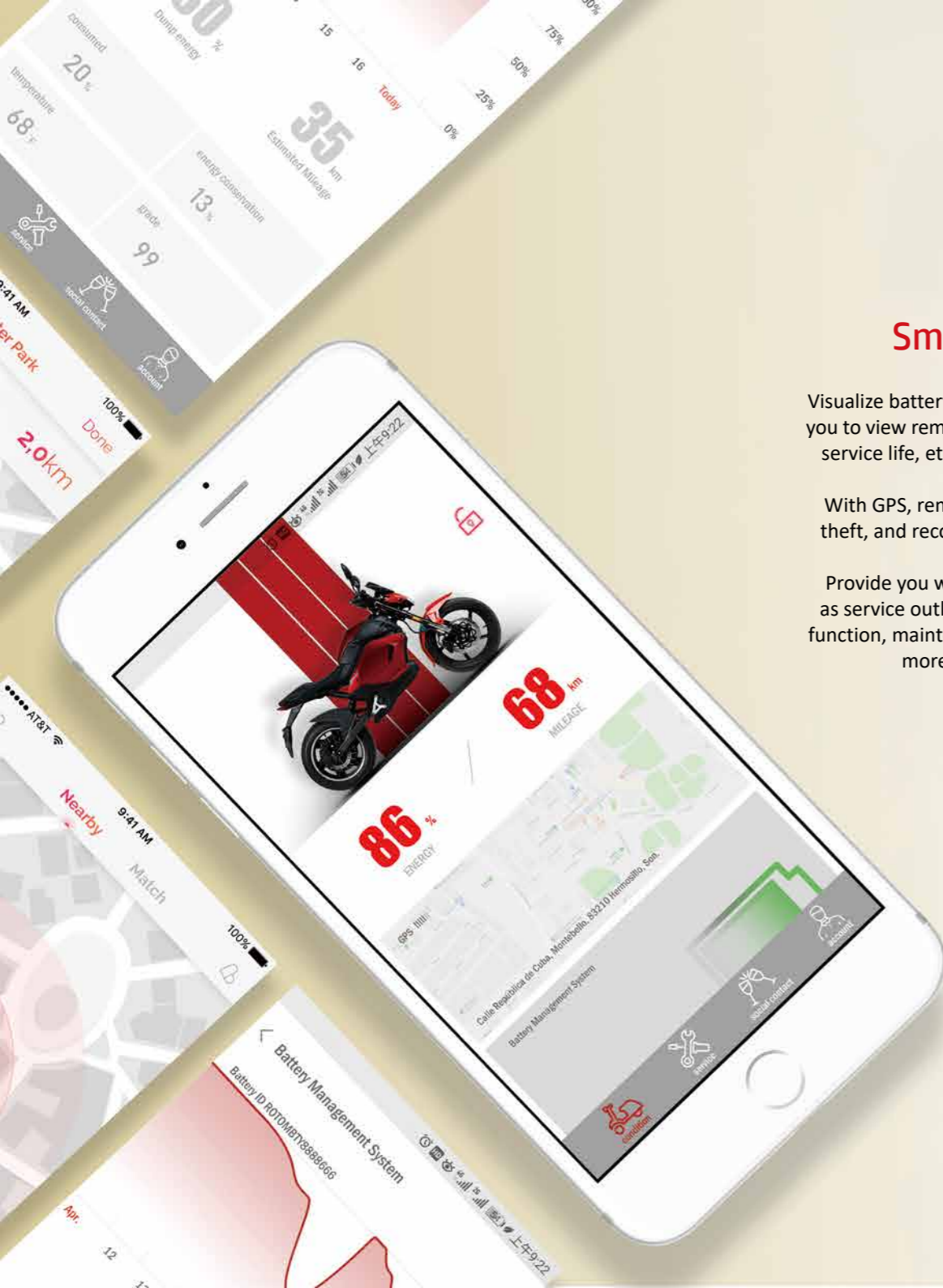
With intelligent BMS system, good performance, precise control, and high protection.

Smart App

Visualize battery information, allowing you to view remaining battery capacity, service life, etc. anytime, anywhere

With GPS, remote lock, smart anti-theft, and record your daily journey

Provide you with information such as service outlets, and open scoring function, maintenance and service are more convenient



CKD SOLUTION

SAVE 15% COST

100%

We supply the whole set of spare parts of motorcycles, from Engines to Screws.

100%

We guarantee 100% rate of qualified products in your factory.

15%

We help you reduce 15% cost, from sourcing, packaging and shipment.

25

Our engineers have more than 25 years experience in motorcycle production.

20

We guarantee 20 days of delivery time.



SMART

Taking your need into consideration is our duty. Smart methods are applied to the packaging and loading to make sure there is no time and space wasted. Smart choice for smart person.

STRONG

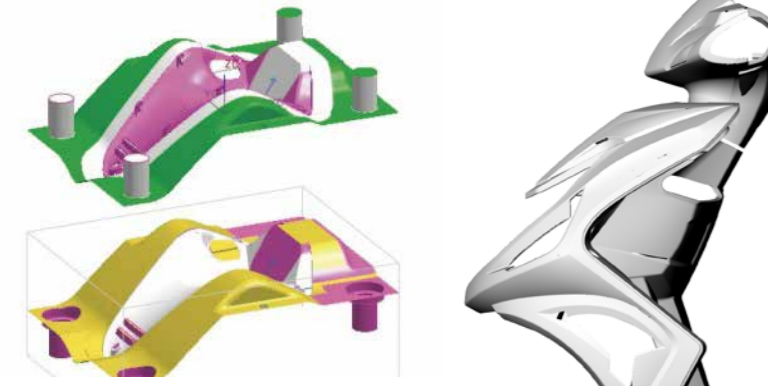
Strong packaging is our characteristic. Strong and durable materials such as wooden box, metal frame, corrugated carton and foam are used for the packaging to make sure our customer's products are fully protected and won't get any damage during the transportation. We believe that good packaging is a key point for our production to defeat others.

EFFICIENT

We know all the details of customs application and customs clearance so that we are capable of helping our customer efficiently finish all necessary procedures. An efficient team is urgently required by customers. Choosing us is just choosing efficiency.



PLASTIC DESIGN/PRODUCE



Based on the sketch and the 3D computer model, our clay-model maker who has 20 years experience hand-crafts the perfect 1:1 scale clay-model.

Computer data base will be built after we scan the 1:1 scale clay-model. The most advanced cnc machine then creates the accurate mould according to the modified computer data.



All the raw materials we are using are carefully selected. They have the best quality and come from well-known international companies who have the best reputation such as LG, Mitsubishi.



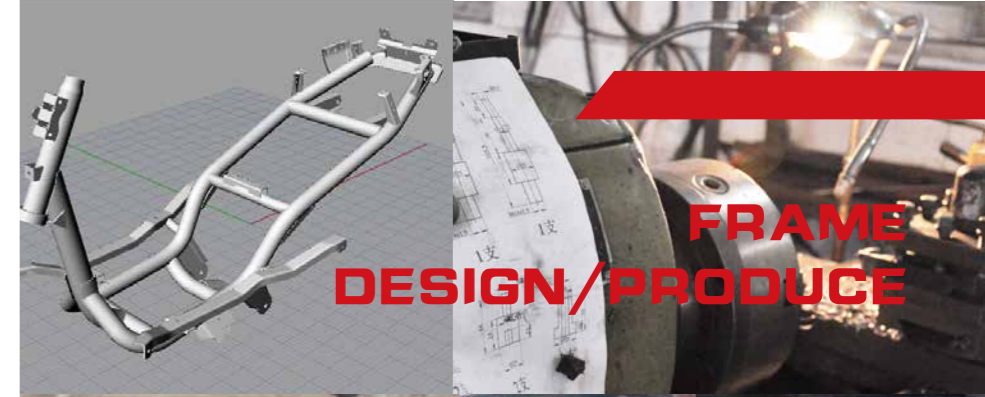
The thickness of the plastic product from the injection machine is at least 25mm, which make it strong enough to achieve the requirement of safety standard.

Our experienced engineers carefully design and prototype all the metal parts again and again until all the details work perfectly and every part fits seamlessly.

Our attention starts from the beginning. Every kinds of raw materials for the metal frame are selected very carefully.

We have fully automatic welding arms and experienced workers to finish all the welding jobs. All the welding points are not just fulfilled all the technical requirements but also smooth enough to be satisfied from aesthetic point of view.

We have the best painting machine to make sure all the steps are strictly controlled. You can hardly find any defects from the painting work.



FRAME DESIGN/PRODUCE





*Start your factory,
build your dream.*

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