main body, and the cooling box is disposed in the front accommodation compartment. The vehicle main body includes a roof provided so as to close an upper part of the front accommodation compartment. The roof includes a roof main body and a divided roof, and the divided roof is disposed on a portion of the front accommodation compartment located above the cooling box.

According to the above-described electric vehicle, an object to be accommodated can be easily put into the cooling box when the electric vehicle is parked reversely. By opening the divided roof, the object to be accommodated can be put into the cooling box.

The electric vehicle further includes a first front wheel and a second front wheel provided more frontward than a center of the vehicle main body and arranged each other in a width direction of the vehicle main body. The cooling box is disposed between the first front wheel and the second front wheel.

According to the above-described electric vehicle, damage of the cooling box can be suppressed even when the electric vehicle receives side collision.

The cooling box is located closer to the passenger compartment than a front end of the vehicle main body, a door configured to open and close the cooling box is provided on a side surface of the cooling box located on the passenger compartment side, and the door is disposed in the passenger compartment. According to the above-described electric vehicle, an object accommodated in the cooling box can be taken out from the passenger compartment.

The cooling box is disposed at a center in a width direction of the vehicle main body. According to the above-described electric vehicle, the weight balance of the electric vehicle in the width direction can be kept.

The vehicle main body includes a first side surface and a second side surface arranged in a width direction, and the cooling box is disposed on the first side surface side with respect to a center in the width direction of the vehicle main body. According to the above-described electric vehicle, an object to be accommodated can be put into the cooling box from the side surface side of the vehicle.

The electric vehicle further includes a cooling circuit configured to cool air in the passenger compartment and air in the cooling box, wherein when the front accommodation compartment is viewed from above in a plan view, at least a part of the cooling circuit is located in the front accommodation compartment.

According to the above-described electric vehicle, a distance between the cooling circuit and the cooling box is short, and thus, the air in the cooling box can be efficiently

cooled.

The electric vehicle further includes a rear-side cooling box, wherein a rear accommodation compartment located more rearward than the passenger compartment is formed in the vehicle main body, and the rear-side cooling box is disposed in the rear accommodation compartment. Food and the like can also be stored in the rear-side cooling box.

The foregoing and other objects, features, aspects and advantages of the present disclosure will become more apparent from the following detailed description of the present disclosure when taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a block diagram schematically showing an electric vehicle 1.

Fig. 2 is a block diagram schematically showing devices for causing electric vehicle 1 to travel.

Fig. 3 is a side view showing a front accommodation compartment 21 and its surroundings.

Fig. 4 is a plan view when front accommodation compartment 21 is viewed from above in a plan view.

Fig. 5 is a perspective view schematically showing front accommodation compartment 21.

Fig. 6 is a plan view showing a cooling circuit 40.

Fig. 7 is a plan view showing a state in which electric vehicle 1 is parked in a parking lot.

Fig. 8 is a plan view schematically showing a cooling box 30A and front

WHAT IS CLAIMED IS:

1. An electric vehicle comprising:

a vehicle main body;

a cooling box provided in the vehicle main body, and

a passenger compartment in which a passenger gets, and a front accommodation compartment provided more frontward than the passenger compartment being formed in the vehicle main body,

the cooling box being disposed in the front accommodation compartment,

wherein

the vehicle main body includes a roof provided so as to close an upper part of the front accommodation compartment,

the roof includes a roof main body and a divided roof, and

the divided roof is disposed on a portion of the front accommodation compartment located above the cooling box.

2. The electric vehicle according to claim 1, further comprising a first front wheel and a second front wheel provided more frontward than a center of the vehicle main body and arranged each other in a width direction of the vehicle main body, wherein

the cooling box is disposed between the first front wheel and the second front wheel.

3. The electric vehicle according to claim 1, wherein

the cooling box is located closer to a front end of the vehicle main body than the passenger compartment.

4. The electric vehicle according to claim 1 or 2, wherein

the cooling box is located closer to the passenger compartment than a front end of the vehicle main body, and

a door configured to open and close the cooling box is provided on a side surface of the cooling box located on the passenger compartment side, and the door is disposed in the passenger compartment.

5. The electric vehicle according to any one of claims 1 to 4, wherein

the cooling box is disposed at a center in a width direction of the vehicle main body.

6. The electric vehicle according to claim 1, wherein

the vehicle main body includes a first side surface and a second side surface arranged in a width direction, and

the cooling box is disposed on the first side surface side with respect to a center in the width direction of the vehicle main body.

7. The electric vehicle according to any one of claims 1 to 6, further comprising a cooling circuit configured to cool air in the passenger compartment and air in the cooling box, wherein

when the front accommodation compartment is viewed from above in a plan view, at least a part of the cooling circuit is located in the front accommodation compartment.

8. The electric vehicle according to any one of claims 1 to 7, further comprising a rear-side cooling box, wherein

a rear accommodation compartment located more rearward than the passenger compartment is formed in the vehicle main body, and

the rear-side cooling box is disposed in the rear accommodation compartment.