What is claimed is:

1. A frame structure of an electric bed, comprising a detachable upper frame (3) and a detachable lower frame (5),
wherein the upper frame (3) comprises wheels (4), and the lower frame (5) comprises rail slots (6), so that the upper frame (3) is capable to move relative to the lower frame (5);
wherein the lower frame (5) is capable to be separated into a front lower frame (51) and a rear lower frame (52);
the front lower frame (51) comprises a front lower frame main body (510) and front lower frame mounting portions (515) on both sides of the front lower frame main body (510);
the rear lower frame (52) comprises a rear lower frame main body (520) and rear lower frame mounting portions (525) on both sides of the rear lower frame main body (520); and
wherein the front lower frame mounting portions (515) of the front lower frame (51) and the rear lower frame mounting portions (525) of the rear lower frame (52) are connected by screws; and the front lower frame main body (510) of the front lower frame (51) and the rear lower frame main body (520) of the rear lower frame (52) together form an accommodating space (17) for accommodating a driving structure of the electric bed;
wherein the front lower frame main body (510) comprises a first crossbar and a second crossbar disposed between the front lower frame mounting portions (515); the first crossbar and the second crossbar are directly connected to the rail slots (6); and
the rear lower frame main body (520) comprises a third crossbar and a fourth crossbar disposed between the rear lower frame mounting portions (525); the third crossbar and the fourth crossbar are directly connected to the rail slots (6).

2. The frame structure of the electric bed according to claim 1, further comprising: connecting members (7), and each connecting member (7) surrounds an outer side of one of the front lower frame mounting portions (515) of the front lower frame (51) and an outer side of one of the rear lower frame mounting portions (525) of the rear lower frame (52), and is fixed as a whole by a screw passing through the foregoing three.

3. The frame structure of the electric bed according to claim 2, wherein the screw passes through the connecting member (7), the one of the front lower frame mounting portions (515) of the front lower frame (51), and the one of the rear lower frame mounting portions (525) of the rear lower frame (52) along a longitudinal direction X of the electric bed.

4. The frame structure of the electric bed according to claim 2, further comprising: bed leg assemblies (8) that are fixed to the connecting members (7) along a vertical direction (Z) perpendicular to the longitudinal direction (X) and a width direction (Y) of the electric bed.

5. The frame structure of the electric bed according to any of the preceding claims, wherein the upper frame (3) comprises a detachable front upper frame (31) and a detachable rear upper frame (32), wherein the front upper frame (31) comprises a front upper frame main body (310) and front upper frame mounting portions (315); the rear upper frame (32) comprises a rear upper frame main body (320) and rear upper frame mounting portions (325); and the front upper frame mounting portions (315) of the front upper frame (31) and the rear upper frame mounting portions (325) of the rear upper frame (32) are connected by screws or rivets.

6. The frame structure of the electric bed according to claim 5, further comprising: a reinforcing member (9) disposed on an outer side of a joint of one of the front upper frame mounting portions (315) of the front upper frame (31) and one of the rear upper frame mounting portions (325) of the rear upper frame (32), and is fixed as a whole by screws.