MODULAR INTEGRATED BUILDING UNIT

ABSTRACT

The present invention discloses a rapidly-detachable and reconstructable modular integrated building unit, comprising wall plates (1), a top plate (2), a bottom plate (3), and a steel skeleton (4) connected to the wall plates (1), the top plate (2) and the bottom plate (3) for load-bearing, the steel skeleton (4) being formed by welding steel profiles. At least one wall plate (1) is provided therein with wall plate reinforcing bars (51) that are fixedly connected to the steel skeleton (4), and the steel skeletons (4) of adjacent building units are connected with each other by bolts. The rapidly-detachable and reconstructable modular integrated building unit according to the present invention is light in weight, and convenient for hoisting and transportation. In addition, the on-site connection of these building units can be completed rapidly and conveniently, and these building units can be readily dismantled for late recycle.

(Figure 3)