

# ZED POD™



@zedpods [www.zedpods.com](http://www.zedpods.com)  
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# RE-THINKING HOUSING

ZEDpod new homes  
a solution to the  
housing crisis.



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## ZEDpods: concept, specification and features

With housing demand outstripping supply by 500 homes a week, we are likely to see a shortage of suitable accommodation for key workers, young professionals and first time buyers for years to come.

ZEDpods have a solution: decouple land and building costs and build on existing car parks and hard-standings.

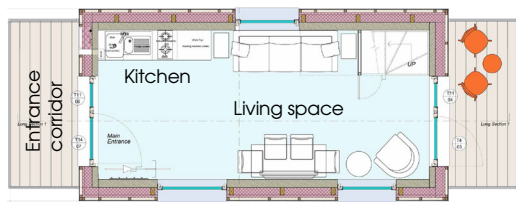
The new space standards compliant ZEDpod is designed to take advantage of existing city centre car park locations and hard standings across the UK, either on the ground or assembled on raised platforms, to provide high performance, low energy housing delivered in a fraction of the time of traditional solutions. Once a pod is delivered to site, construction and installation can be completed within 24 hours ready for immediate occupancy.

ZEDpods have their own balcony and front door, a kitchen and dining table, a standard sized bathroom, a lounging space with stairs leading to a mezzanine floor bedspace with home office desk, double bed, wardrobe and storage space.

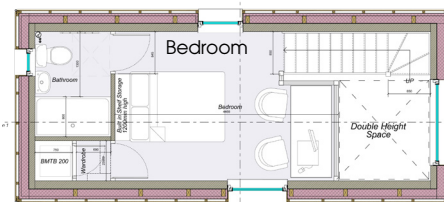
These ready-made quality homes are built to higher standards than conventional houses, benefiting from:

- BIPV (Building Integrated Photovoltaic) array of solar panels on the roof
- Super insulated envelope
- Triple glazed windows
- Ventilation with heat recovery
- Exceptional daylighting
- Ultra low energy demand
- Well thought out and practical floor plans
- A 'Q Assure' mortgageable warranty when permanently fixed to the ground

"The beauty of the ZEDpod concept is that it decouples housing provision from land prices using air rights over car parks. This enables affordable, quality urban homes where land is scarce or expensive to be put up quickly while helping key-workers and young professionals to live near their work, at the same time maintaining precious car park spaces." ZEDpods architect Bill Dunster, OBE



■ Ground Floor plan



■ First Floor plan

## ZEDpods: design options

### ■ ZEDpods sitting on the ground

The same simplicity of deployment allows a reinforced concrete pre-cast raft foundation to be offloaded from a delivery HGV and placed on smooth bearing ground or recycled rubber pads. The ZEDpods are simply forklifted into place, allowing a community to be created over a weekend.



### ■ ZEDpods raised above parking spaces

The galvanized steel base, lower floor and upper floor are transported on standard artics/ low loaders to the car park. These 3 parts are placed in position over the parking bay using a forklift only. The steel base is filled with local crushed stone or concrete ballast defining the substructure which is equivalent to a raft foundation, exerting no more pressure on the existing tarmac than a typical vehicle. The system is patented. Once in place very little site works are needed to complete the POD.





# ZEDpods: urban typologies



**A A single terrace**  
spanning two parking spaces, with vehicular access either side.



**B A double terraces**  
with a solar lobby in between, with vehicular access either side as well as underneath the lobby



**C Co-living Pod**  
Communal space (within thermal envelope)



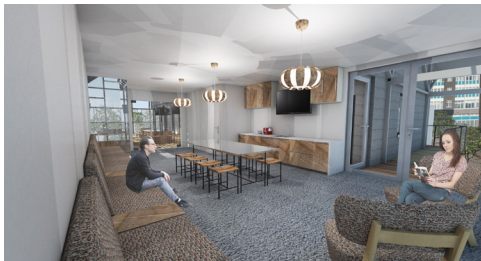
**D Two Storey Stacked Pod**  
Enhances quality of public realm. Pop-up orchards over parking can reclaim large barren tarmacked spaces.



**E 90 degree terrace**



**F a supermarket or retail park context**



ZEDpods village communal lounge with kitchen and dining



Electric vehicle charging points in line with SHS columns. One charge point for each parking bay.

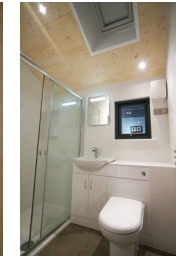
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■ Open plan kitchen and living space



■ Bedroom with walk-in wardrobe



■ Bathroom



■ Double height space

## Contacts

Please contact us if you have a development site that could benefit from ZEDpods - Funding options available

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