

SM12 Structure

Product Code: ZNSP-SM12

Option Sheet: SMStructure OPT

- **12U** Cubesat Structure
- 6 Deployment switch (Standard)
Up to 16 available with standard design
- Modular user configurable board stacks
- Horizontal; vertical; transversal stack assembly
- Available with different Z frames:
 - 4-aperture pattern (83x90)
 - 2-aperture pattern (83x208)
 - Centered body aperture (150x150)
 - Full Frame aperture (200x200)
- Optional shear panels available
- Primary structure mass: 1430 g
- Secondary structure mass: 390 g
- Measures - 340.5 x 226.3 x 226.3 mm
- Stainless steel threaded inserts;
- PC 104 compatibility
- Compatible with commercial solar panels and COTS
- PCB stack assembly independent from the structure;
- Wide access windows
- **CFRP** stacks supporting frames available

Product items included in standard version

- Standard structure
- Assembly screws
- 2 Stand-off kill switches
- 4 Column switches
- (12x) Stack assembly set

Produced by

- **N.P.C. New Production Concept S.r.l.**

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