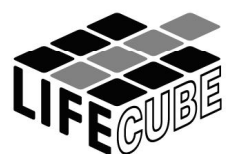


LIFECUBE LC12 SHIPPING PACKAGE (UNDEPLOYED UNIT)

Cube height, width, depth	5 feet (1.524 m), standard rolling hoops
Hard flooring / container material	ABS or Styrene Foam (see package options)
Flooring elevation from grade; thickness	Not less than 5.5 in (140 mm); not less than 2 in (50mm)
Unit weight, approximate	950 lbs typical for ABS flooring (431 kg)
<i>Total weight depends on equipment configuration</i>	
Maximum gross unit weight	1100 lbs (500 kg)
Maximum airdrop vertical velocity	20 ft/s (6 m/s)
Maximum shock/acceleration in any orientation	70 G (700 m/s ²), 10 ms max duration, non-repeating
Maximum storage altitude	20,000 ft above MSL
Storage temperature and duration	-40F to 140F (-40C to +60C), 1 year
Maximum storage duration	2 years without battery maintenance, above freezing temp.
<i>External charging/maintenance port must be used to maintain battery charge during extended storage</i>	5 years with battery maintenance, above freezing temp. 10+ years without electrical package or food provisions

LIFECUBE LC12 DEPLOYED UNIT - PLEASE REFER TO DRAWING FOR UNIT DIMENSIONS

Canopy and beam material	OSHA/MSHA fire retardant airtight thermoplastic material
Canopy color	Standard: tan, green, white; camo or custom colors optional
Canopy inflation time; nominal deployment / strike time	<5 min on full charge; 5 min / 20 min (2 people)
Standard canopy (CANOPY A)	3 doors, 4 windows, 18 tie-point, 1 shade fly, optional flies
Optional 4-door canopy (CANOPY B)	4 doors, 0 windows, 12 tie-point, optional rain fly
Insulated cold/hot climate canopy option	Insulated walls, ceiling, insulating window material
Air frame inflation method	Electric Blower, accessible valve port
Maximum deployment altitude, Inflation pressure	15,000ft (4500m), not less than 3 psig (20.7 kPa)
Deployment temperature range	-22F to 122F (-30C to +50C)
Wind resistance when fully deployed and anchored	Not to exceed 50 mph (22 m/s)
Wind resistance during canopy inflation/deployment	Not to exceed 18 mph (9 m/s)
Maximum deployment grade inclination in any direction	Not to exceed 15%
Integrated table	Aluminum, removable, telescoping, integrated gas stove
W x D x height lowered x Height raised (approx.)	48 x 48 x 23 x 30 inches (1.22 x 1.22 x 0.58 x 0.76 m)
Electrical system voltage	12V DC (10.6V - 14.6V)
Integrated lighting	20W LED utility, 5W LED emergency
Exhaust fan; air conditioning	Multi-speed exhaust fan, optional A/C duct connection
Standard electrical connectivity	External charging port; 2x 12V 15A "cigarette lighter" sockets
<i>Please refer to package info for solar power packages available in 60W increments.</i>	AC Charger (field selectable 100-240VAC, 50/60Hz) AC Inverter (must specify 120VAC or 240VAC at time of order)
Critical energy reserve capacity	2x inflations, 10 hours of 5W emergency lighting



LIFECUBE LC12 DEPLOYED UNIT DIMENSIONS

Depth including porch, excluding all awning and flies	Not to exceed 16 ft 4 in (5 m)
Width, excluding all awning and flies	Not to exceed 12 ft 4 in (3.8 m)
Width with standard fly	Not to exceed 20 ft 0 in (6.1 m)
Total plan area, DxW, required for unit and tie-downs	Approximately 22 ft by 24 ft (6.7 m by 7.3 m)
Total unit height from flat grade, including flooring, excluding rain fly, antennae and other vertical protrusions	Not to exceed 12 ft 8 in (3.86 m)
Standard side fly protrusion, approximately	6 feet (1.83 m)
Interior clear floor space, approximately	11 ft x 11 ft (3.35 m x 3.35 m)
Usable interior area, not less than, including table	116 sq ft (10.75 m ²)
Doorway opening dimensions, W x H, at least	3 ft x 6 ft (0.91 m x 1.82 m)

