

Star Army Portable Shelter, Type 30

The Type 30 Portable Shelter was created to fit two purposes, the primary purpose being to give the basis for survival and temporary necessity to facilitate Star Army planetary operations where once there was nothing but the option of wasting large amounts of energy making or finding a shelter. The secondary purpose is to provide a civilian model advanced shelter for survivalists or any heading into wilderness that require more than a rudimentary canvas and pole cloth shelter. This is designed to be used with other Star Army of Yamatai standard survival and field equipment.



- Designer: [Shimizu-Motoyoshi Akina](#) (清水本吉明菜), [Shimizu Fleet Yards](#)
- Manufacturer: [Shimizu Fleet Yards](#)
- Testing: [Shimizu Fleet Yards](#), [Fourth Fleet](#)
- Type: All Weather Temporary Shelter

Military Model

- Fielded by: [Star Army of Yamatai](#)
- Cost: 700 [KS](#), 980 [KS](#) Eight
- Notes: Can be produced in SAoY manufacturing facilities and equipment.
- Variants: Four Person, Eight Person - Silver or Camouflage

The reason for the development of the Type 30 Portable Shelter is the Star Army of Yamatai, with civilian shelters coming in as a secondary priority. They are constructed to provide the maximum protection from the elements with the most portability possible. The case of the Type 30 Shelter can be attached to a power armor, and be easily stored and deployed. Additionally, designers understand these might be abandoned in hostile situations, so did not include technology that would be a risk in the wrong hands. Most power to the shelter is in insulated and latticed cells that store energy just like a more traditional battery. All systems will run for 5.2 standard Yamatai days before shutting down.

Appearance and Setup

The Type 30 Shelter has the appearance of a simple dome, to remain as aerodynamic as possible. A

skeletal framed mesh of durable cloth polymers successfully creates space for the many survival components inside. Setup is simple as is tearing it down and replacing it in the case. The poles telescope manually from their stored position and can be set up by one person easily, though two or more are suggested for the larger size. To raise the tent, telescope one of the rods from the base, and follow it with the fingers up one side if required. It should be easy to extend from one side alone, but another person is recommended in case there is a minor snag. Each will secure into a metal protrusion built into the slope of the shelter at each base for a pole. The tent should stand before all of them are in place, but always use each one for added stability of the dome, and structure as a whole.

To set up the shelter, open the case remove the shelter. Clear the site from ground debris if possible, and ensure a safe location before proceeding. At each edge of the tent there are small metal loops attached to the side. These have been made to attach very strongly so they will not rip away in severely inclement weather. If staking is required, do so before raising the main structure or areas with high winds may make it extremely difficult. Use the small hammer to sink each stake into the ground, making sure the rings are pressed against it under the curve at the end. If you cannot remove it with the same tool, extra stakes (three) are in the kit behind where the 'hammer' is mounted.

The bottom of the tent is a weave of tough metal layered with fabric that has been pressed in a mesh that is coated with another layer of weave with light plastic. Combined, it creates a durable, waterproof underside resistant to damage from outside objects such as rocks and twigs.

Primary Amenities

Solar Panel: Located as a ring around the top of the dome, this system can recharge the built in battery to the shelter, drastically improving the use of powered survival gear and amenities in the shelter on any planet with even sporadic daylight. The ratio is roughly two hours of sunlight for an hour charge.

Transmitter: Set into the wall to the left of the entrance, this small panel contains a simple subspace transmitter with a 1.4 AU range fully powered, including a less power distress beacon. The panel can be detached for mobility, with a separate emergency battery that lasts a week. However, only the beacon will work at effective range. The transmitter requires a clear line of sight to orbit or the local area in this mobile mode to maintain longevity, and disconnected from the metal in the frame it won't operate as effectively as it would attached to the shelter.

Climate Control: Appearing as a grid of diagonal links of metal mesh (which while allowing air through appear less conspicuous) that begins halfway down the right side of the shelter, this slightly enlarged section of the shelter helps to regulate temperature in extreme terrain. The biggest power draw for the shelter, and can ensure comfort or survival in temperatures ranging from -60C to 50C.

Water Condenser: A small slit with two tubes (one colored black, the other blue) and a single switch against the far wall from the door inside, the unit can draw moisture from the air, and collect rain from a small system of filters on the slope of the tent above. Another slightly padded feature only from the inside is the filtration that has two access points. The interior comes from the black tube, and can be turned on with the switch. The switch has three settings: off, filter, and collect. Clean water comes from the blue tube in both modes, collect is external, and requires more power than a ready source of water

but is filtered when it comes through.

Civilian Model

- Fielded by: Civilians, etc
- Cost: 450KS, 800KS Eight
- Variants: Four Person, Eight Person - Silver and Primary Colors

The main difference in the civilian model is that it does not include the transmitter, and instead only has the beacon on a seven day separate battery. Camouflage options are not available to civilians. The silver is reflective as with the military model, to help aide any possible visual search in a rescue situation.

Star Army Logistics	
Supply Classification	Class N - MISC
First Used	YE 30
Products & Items Database	
Product Categories	buildings, survival
Product Name	Portable Shelter, Type 30
Manufacturer	Shimizu Fleet Yards
Year Released	YE 30
Price (KS)	700.00 KS

From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

https://wiki.stararmy.com/doku.php?id=stararmy:equipment:portable_shelter_type_30

Last update: **2023/12/21 01:02**

