



Our unique solar shower cabins are easy to transport, practical, and most importantly, use a free and clean source of heat.

Solex shower cabins are ideal for camp sites, festivals, and other applications such as military sites, due to their robustness and portability. They can be used anywhere that a water supply is available, and are designed to provide a large number of showers daily - around 200 pk.



Based on a standard 20' shipping container, these high quality cabins feature generously sized cedar lined shower cubicles. They are delivered to site on a standard crane equipped lorry, which is also used to unfold the roof mounted solar panels. Offloading and installation usually takes under 1 hour.



The standard cabin consists of 4 shower cubicles, 8 solar panels (24m<sup>2</sup>) on two roof mounted frames, with a 43w solar PV panel supplying electricity for the unit. A central plant room contains a 3,000 litre heat storage tank, the solar pump and controls, and the wiring and plumbing.

As an option a powered pressure washer can be built in, enabling very quick regular cleaning of the cubicles.

### Also available for hire

Please contact us for a quote



## Specifications

Container	External dimensions, closed	6060L x 2440W x 2990H
	Weight, tank drained	3590kg
	Transport	Via crane lorry
Cubicles	Number shower cubicles	4, individually accessed
	Cubicle size	2000L x 1150W x 2280H
	Shower hardware	Hot /cold mixer with overhead fixed rose
	Walls	Untreated cedar boards, white painted metal
	Floor	Cedar decking / optional water collection below
	Roof	Polycarbonate skylights, white painted metal, air vents
	Lighting	2x white led lights per cubicle, automatic at dusk
	Cleaning	Optional pressure washer in plant room
Solar Panels	Solar heating panel type	Flat plate, brazed copper absorber, solar glass
	Solar panel mounting	2x steel mounting frames, crane unfold
	Solar panel aperture area	21.4m <sup>2</sup> (8x 2.67m <sup>2</sup> )
	Heat gain, instantaneous	16.5kW, full sun UK
	Solar electric panel	43Wpeak, 12v, charge controller
	Battery	12v, 7.6Ah., powers controller, pump and lighting
Water Heating	Thermal store capacity	3000 litres
	Cold water connection	1" male thread
	Water supply pressure	1.5 – 10bar, internally regulated
	Water heating	2x 45 LPM instantaneous heat exchangers
	Temperature control	Thermostatic mixing valve
	Optional backup heating	Electric immersion heater / other as required
	Showers per day, solar only	Approx 200, summer UK