

When in emergency,  
**MassTech is very helpful**

**About securing lifeline**

# Securing a lifeline at the time of emergency-1

- Osaka north earthquake occurred, it took more than a week to recover the gas. Fortunately, the restoration of electricity was quick, and almost all solved on the next day. The level of earthquake of this time was relatively light degree of less than 6 seismic intensity, so restoration of infrastructure did not take long. What is important here is that an earthquake occurred at a place where we have not predicted anything.
- The same can be said for the heavy rain in Chugoku district this time. Many water problems occurred.

## Securing a lifeline at the time of emergency-2

The most important thing in securing a lifeline is water. If it has electricity, you can live a week easily with a stock of food such as cup noodles and biscuits. Electricity is necessary for water purification equipment and cooking, and you can listen to news on radio and TV etc.

# Securing water

## MassTech RO membrane seawater desalination

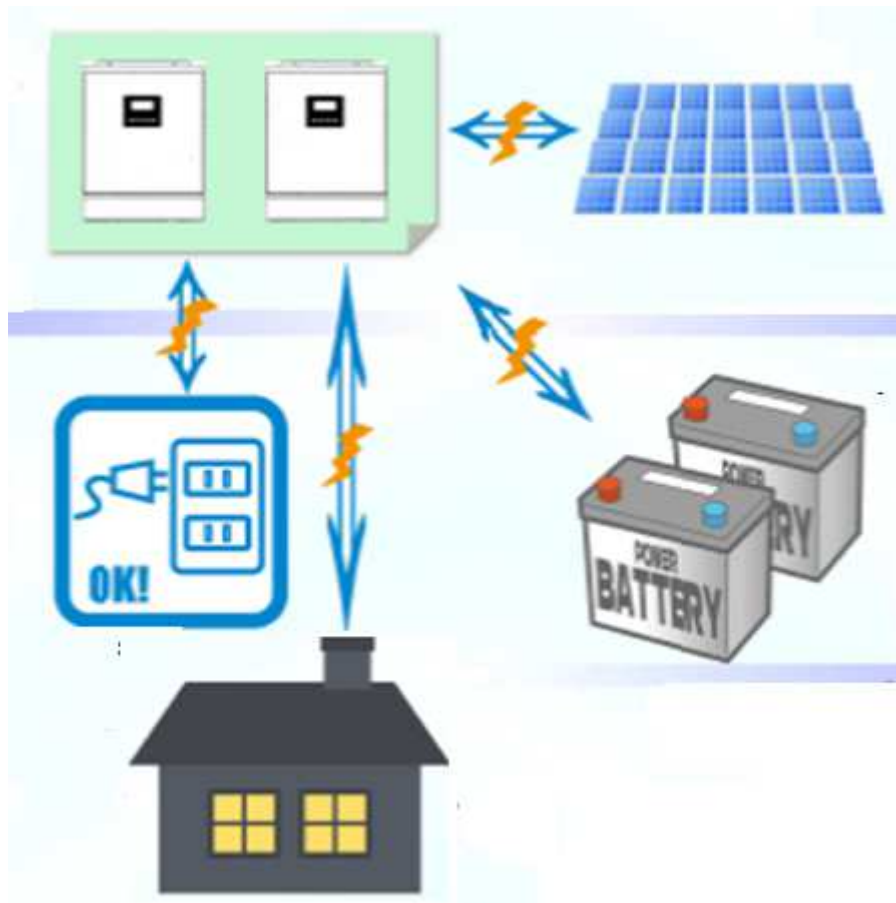


With this device you can produce 500 liters of delicious water a day. Water is not a problem either in sea water or contaminated water. Standard specification 1 unit ¥ 1.5 million

- ① DC24V、AC100V inverter      : Control panel
  - ② Upper cover made from FRP Needle valve, filter, RO membrane
  - ③ Lower cover & Chassis Plunger pump, heavy items such as batteries
- Size: 75×50×30 cm      Weight: 55 kg

# Securing electricity

## MassTech Energy Ansin System (M-EAS)



Electric self-sufficiency can be done with M-EAS. It leads to a rich life after retirement.

M-EAS 5 kW standard unit:  
1 million yen

# Securing movement means

If you make your bicycle on Repair-M gels a no-puncher, even bad conditions such as rubble OK!



It is No. 1 car of prototype making “no puncher” 12 years ago at MassTech. It is still active. No puncher processing cost: ¥ 10,000