

New solar devices

Steca GmbH, Germany, has developed new efficient solar devices, including portable solar systems, solar refrigerators and an energy-saving lamp. PSHS 7 and PSHS 24 are portable supply and storage solar systems that can supply DC load applications with solar energy. These systems consist of a sealed lead acid battery connected with an inbuilt high-class charge controller. The battery is well protected against overcharging as well as deep discharging. The systems can power small radios and cassette players, which can be connected directly to the inbuilt integrated converter. The PSHS 7L model can be equipped with an integrated LED lamp. Apart from plug-contacts, PSHS 24 also offers the possibility of connecting the module and two loads to screw terminals at the rear panel. These two load outlets can be switched independently from the front panel.

Sunfreezer refrigerators are the first fridges to implement thoroughly the demands of a solar system. A high-quality DC compressor unit keeps energy consumption down to a minimum and guarantees a long product life. The cold is confined to the interior by high-quality polyurethane insulation; hence, food and drinks are cooled quickly. Available in three models, as economical boxes and freezing cabinets, these refrigerators are mobile and for stand-alone use.

Solsum lamps are compact energy-saving units of high quality. These 12 V lamps can be switched on and off many thousand times by means of a pre-heating circuit. The service life is therefore considerably higher than those of normal bulbs.
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