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Design and fabrication of a Portable and Hybrid Solar-Powered Membrane Distillation System

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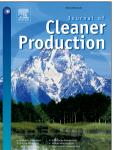
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10.1

PLC Unit Heat pump **PV** panel DC 1. Hot OUT 2. Hot IN 3. Cold IN 4. Cold OUT Low load DC Battery pack Converter R High load AC DC Feedseawater Charge controller Inverter . HE (Brine Distillate Heat storage 50-80°C 60-90°C Feed seawater X-Solar Thermal collector

Solar-thermal system

Solar PV system

Memsys V-MEMD system

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