



Using an array of solar cells, the system generates electricity from the sun's energy, which is then converted into DC power during the day and stored in batteries for use at night.

TWIN T YORGE SYSTEM

POWER GRID

CONVERTER

EG. AREA

PUBLIC AREA

TWIN AND TRANSFORMER

TWIN is a two-stage system consisting of a transformer and a converter. It is designed to produce electricity from the sun's energy, which is then converted into DC power during the day and stored in batteries for use at night.



COLLECTIVE WIN

SKORUT SOLAR SA

cell: +27 79 880 6886

tel: +27 44 871 0027

wikus@skorutsolarsa.co.za

info@skorutsolarsa.co.za

Photovoltaic modules drop in efficiency significantly when direct sunlight intensity is high. This was the condition in recent tests. The temperature of the photovoltaic cells increased their efficiency. Type of the effect, a photovoltaic module cooling system used - TWIN Invert.

ELECTRICAL GENERATOR RECEIVER

TWIN T Y O R G E E R T E R O N
U N I T

LOW - T E M P E R A T U R E
H A T E N E R G Y R C E I V E R O W T E R

C O N V E R R

P U M P I N G
S Y S T E M

T W I N h e t a i n g a n d e l e c t r i c i t y

The heating and electricity system works with the same principle as a central heating system. It consists of a pump unit, which pumps water from the heat source through the pipes to the heat exchanger. The heat exchanger is connected to the electrical circuit, which provides power to the electrical equipment.

By using the pump unit, the water can be heated directly. The pump unit is connected to the heat exchanger, which is connected to the electrical circuit. The pump unit is controlled by the control system, which monitors the temperature of the water and the temperature of the heat source. The pump unit is controlled by the control system, which monitors the temperature of the water and the temperature of the heat source.

T W I N T Y O R G E E R T E R O N U N I T

C O N V E R R

H A T P U M P

H A T

G R U N D A H I S O U R

T W I N h e t a i n g a n d e l e c t r i c i t y

TWIN units have the advantage of being able to supply the same amount of heating and electricity at the same time. This is because the heat exchanger is connected to the electrical circuit, which provides power to the electrical equipment.