

NON-PRESSURIZED SOLAR WATER HEATER

Key Features

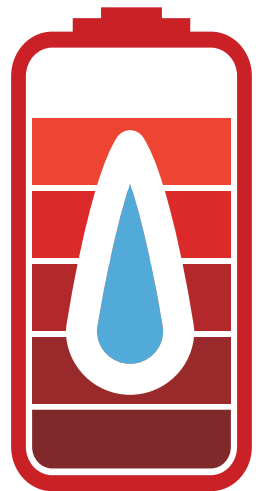
- Inner Tank: Stainless steel, 0.8mm thickness
- Outer Tank: Stainless steel, 0.31mm thickness
- Frame: Stainless steel, 1.2mm, 45 degrees
- Vacuum Tube: 58*1800mm
- Insulation Layer: 50mm Polyurethane



Tank Size	100L	200L	300L
Total Nb of Tubes	10	20	30
Nb of People	2 PEOPLE	4 PEOPLE	6 PEOPLE

KUPROS (Mawared and Construction Co. S.A.R.L.)

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Collector Specifications

- Copper pipes with ultrasonically welded TITANIUM panels
- Special permeable 4mm security glass (low iron)
- 30mm thick polyurethane insulation for reduced heat loss
- Weather-resistant anodized iron frame, 1.5mm thickness
- Weather-resistant galvanized steel base

Hot Water Tank Specifications

- 3mm low carbon steel
- Double enamel porcelain coating
- Closed double-circuit system with a 2mm glycol liquid jacket and a 5cm polyurethane layer
- Pressure relief valve for closed circuits
- Outer cover made of 1mm galvanized steel
- Electric heater for on-demand use
- Optional extra heat exchanger



KUPROS HOT WATER SYSTEMS



Available Sizes – 300 & 200 Liters

Available Tank Types – Porcelain & Galvanized

Tank Size	200L	300L	300L
Total Panel Size	4M ²	5M ²	6M ²
Total Nb of Panels	2 PANELS	2 PANELS	3 PANELS
Nb of People	4 PEOPLE	5 PEOPLE	6 PEOPLE

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SINCE 1994
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Pioneering Solar Solutions Since 1994: KYPROS' -30Year Journey of Excellence

In 1994, **KYPROS** made history by introducing solar solutions to Lebanon, a legacy that continues to flourish. Today, we stand proudly as one of the leading players in Lebanon's renewable energy landscape. With nearly three decades of invaluable experience, has forged strong partnerships with leading German brands, all supported by a state-of-the-art production facility right here in Lebanon.

Setting the standard as the sole **ISO-certified** solar energy company in Lebanon, **KYPROS** boasts **ISO 9001** management certification and holds **ISO 1-9806** and **2-9806** certifications for their solar collectors.

Our solar solutions cater to a wide spectrum of needs, whether personal, commercial, or industrial. From residential buildings and industrial facilities to hospitals, schools, hotels, restaurants, and governmental institutions, **KYPROS** provides diverse and tailored solutions.

Today, our journey is marked by over **50,000 satisfied customers** who have experienced not only our innovative solutions but also our expertise and unwavering commitment to after-sales services throughout every corner of Lebanon.

KYPROS

Tiger Neo N-type 72HL-4 (V) 555-575 Watt

MONO-FACIAL MODULE

N-Type

Positive power tolerance of %3+~0

SMBB Technology
Better light trapping and current collection to improve module power output and reliability.

PID Resistance
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.

Durability Against Extreme Environmental Conditions
High salt mist and ammonia resistance.

HOT 2.0
Hot 2.0 Technology
The N-type module with Hot 2.0 technology has reliability and lower LID/LETID.

Enhanced Mechanical Load
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Jinko Solar

01. ES Lithium Battery 5.12KWh - 7.68KWh - 10.24KWh

LCD
LCD Display

Floor & Wall Mounting
Space Saver

APP
APP/Bluetooth Monitor

5-Years Warranty

DOD
%95 DOD with more usable capacity

> 6,000 Cycles



SUNESS

02. ES Lithium Battery 15.36KWh - 17.92KWh

BMS
BMS Protection

Easy Installation

Fashionable Modeling Design

Backup Protection

Wide Range of Applications

RS485/CAN Communication with over 15 brands



SUNESS

Hybrid Inverter 5KW - 8KW - 12KW

Colorful touchscreen LCD, IP65 protection degree

AC coupling for retrofitting existing solar systems

16 Up to 16 units can run in parallel for on-grid and off-grid operation; also supports parallel connections for multiple batteries

190 Maximum charging/discharging current of 190A

6 Six time periods for battery charging/discharging

Capable of storing energy from diesel generators



Deye