

KEEP YOUR LIGHTS ON WHEN THE POWER GOES OFF!

ECOsys Residential Solar Solutions **September 2022**



INTRODUCING THE BRAND NEW
**JINKO N-TYPE PV MODULES AND
DEYE LITHIUM BATTERIES!**

*Choose wisely for a
redefined 30-year
energy-saving
commitment*

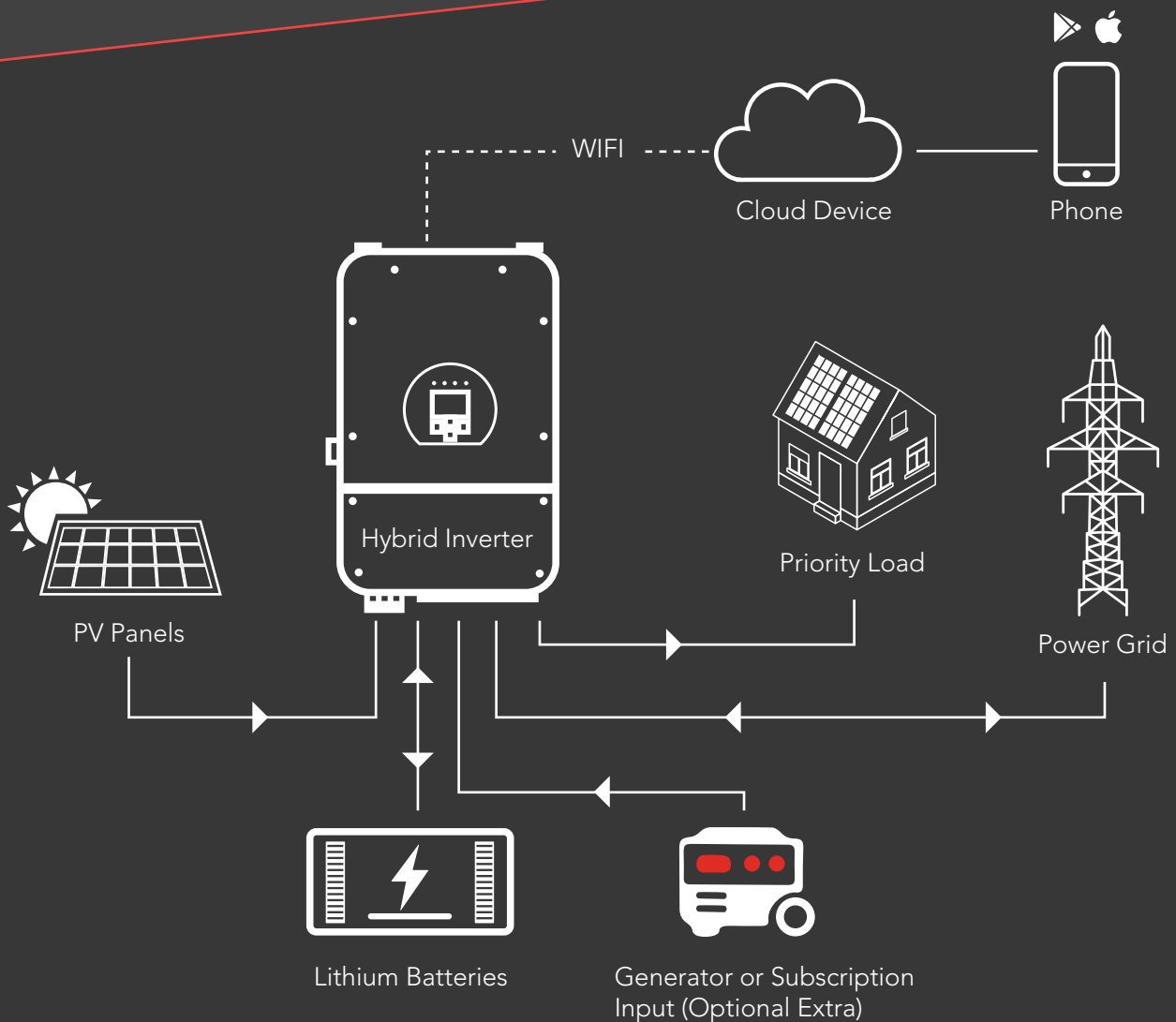


Holcom bldg., 460 Corniche Al Nahr
POB: 17-5002 Beirut, Lebanon
T: +961 4 727 827
E: info@ecosys.com.lb
www.ecosys.com.lb

 **ECOSYS**
An YTO Company

HOW IT WORKS

In response to the ever challenging energy needs and the global requirements for a sustainable development, we offer customized and turnkey solar photovoltaic (PV) solutions leading to reduced energy costs based on high-technology products and a team of experts in the field.



HOW MUCH IT GIVES

System Size (A)	10	15	20	25
System PV Power (kW)	2.83	3.96	5.09	6.22
PV Panels Quantity	5	7	9	11
Inverter Size (kW)	5	5	5	8
Average System Load (A)	6	9	12	15
System Autonomy (Hours)	7	7	7	7
Lithium Batteries 51.2V (Ah)	200	300	400	500
Unshaded Roof Area (m ²)	14	20	26	32
System Price (\$) Excl. VAT	9,500	12,200	15,000	19,600

Load Description (A)	10		15		20		25	
Item	Qty	hrs/day	Qty	hrs/day	Qty	hrs/day	Qty	hrs/day
LED Lamps	6	8	6	8	8	10	9	10
Smart TV	1	2	1	3	2	4	2	5
Fridge	1	6	2	6	2	7	2	7
Inverter A/C 9000 BTU	2	1.5	2	2.5	2	4	2	5
Washing Machine	1	1.5	1	2	1	3	2	3
Laptop	3	8	3	8	3	8	4	8
Router	1	10	1	10	1	10	1	10
Daily Consumption (kWh)	7.0		11.0		14.0		18.0	

OFFERING & WARRANTY

1. Battery technology offered is lithium
2. Battery life time 6,000 Cycles at 80% depth of discharge (DOD)
3. Product datasheets to be provided upon request
4. This proposal is for flat roof structures
5. For tiled and elevated roof configurations, prices will be provided upon request
6. This proposal is for budgetary purposes only, the final proposal will be prepared at an advanced stage
7. All payments shall be in fresh USD
8. All prices exclude VAT
9. The inverters and systems are certified for EDL' s net metering
10. Prices are based on houses being on monophase electricity. For 3 phase houses prices to be provided upon request
11. Earth pit creation is excluded from the scope
12. Deye inverters and Deye Lithium batteries are communication compatible
13. Larger systems are available upon request
14. Prices are valid until October 30, 2022
15. 24x7 Hotline service calls for subscribed clients (optional)



12
years

WARRANTY
on Jinko PV panels

5
years

WARRANTY
on Deye Batteries

30
years

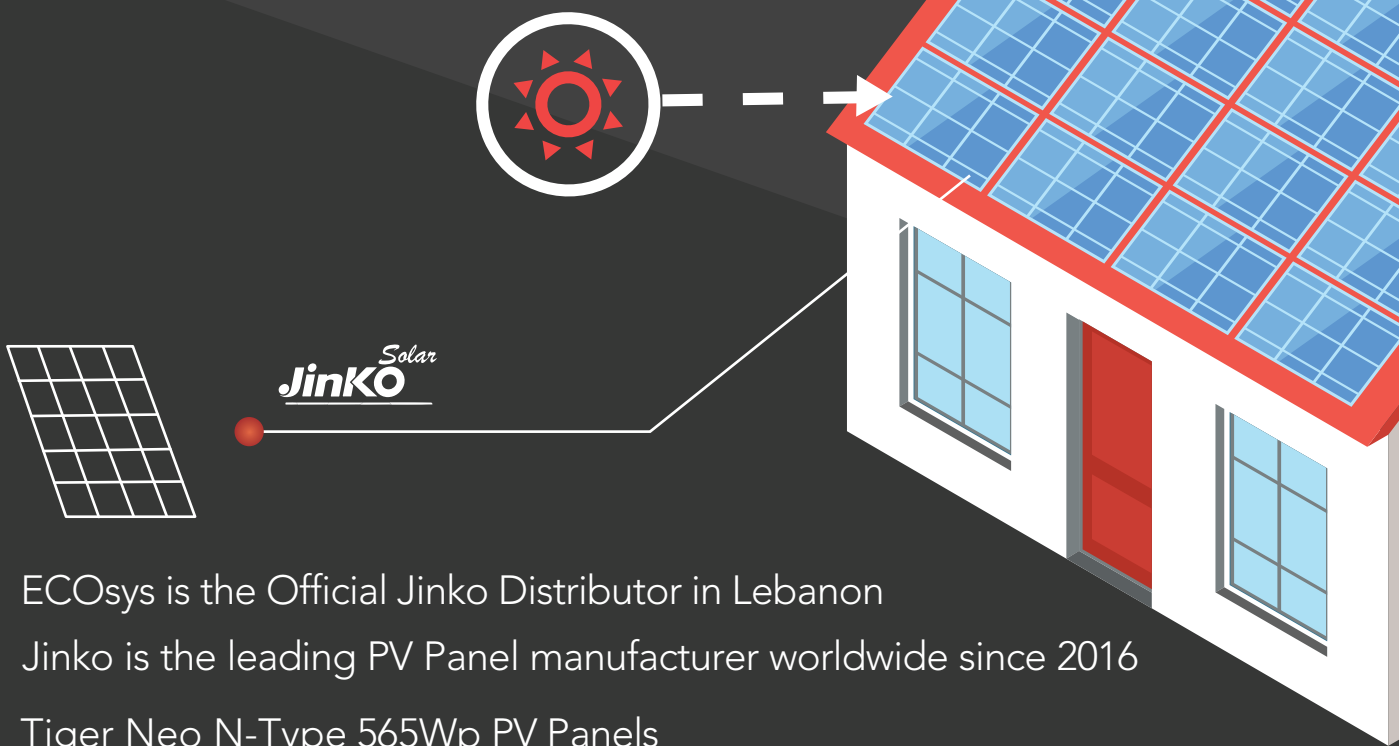
WARRANTY
assuring at least 87.4% performance
for PV Jinko panels

5
years

WARRANTY
on Deye Hybrid Inverter

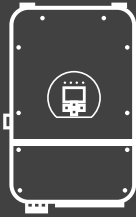
HIGHLIGHTS

- Tier 1 brands Jinko and Deye
- ECOsys proven track record
- > 15 years of experience in the PV market
- > 50 MWp installed capacity in Lebanon and regionally
- Stellar customer service and support
- Leading Residential System Integrator in Lebanon



- ECOsys is the Official Jinko Distributor in Lebanon
- Jinko is the leading PV Panel manufacturer worldwide since 2016
- Tiger Neo N-Type 565Wp PV Panels
 - Higher efficiency
 - Higher performance warranty
 - Lower annual degradation
 - Better temperature coefficient

HIGHLIGHTS



Deye

- ECOsys is the Official Deye Distributor in Lebanon
- Outdoor Inverter (IP65)
- CT included
- High-efficiency inverter (>97.5%)
- 2 MPPT inverter
- Remote monitoring via mobile app or web
- Remote control via mobile app or web
- EDL-approved inverter to back feed into the grid
- Easily upgradable system
- Dual AC input – Utility and Generator or Subscription
- Possibility to add inverters in parallel or in 3-phase mode
- Turn generator on or off automatically
- Smart load option



Deye

- ECOsys is the Official Deye Distributor in Lebanon
- Ultrafast charging lithium batteries
- 6,000 Cycles at 80% DoD
- Rack-mounted solution
- Maintenance free batteries

Holcom bldg., 460 Corniche Al Nahr
POB: 17-5002 Beirut, Lebanon
T: +961 4 727 827
E: info@ecosys.com.lb
www.ecosys.com.lb