

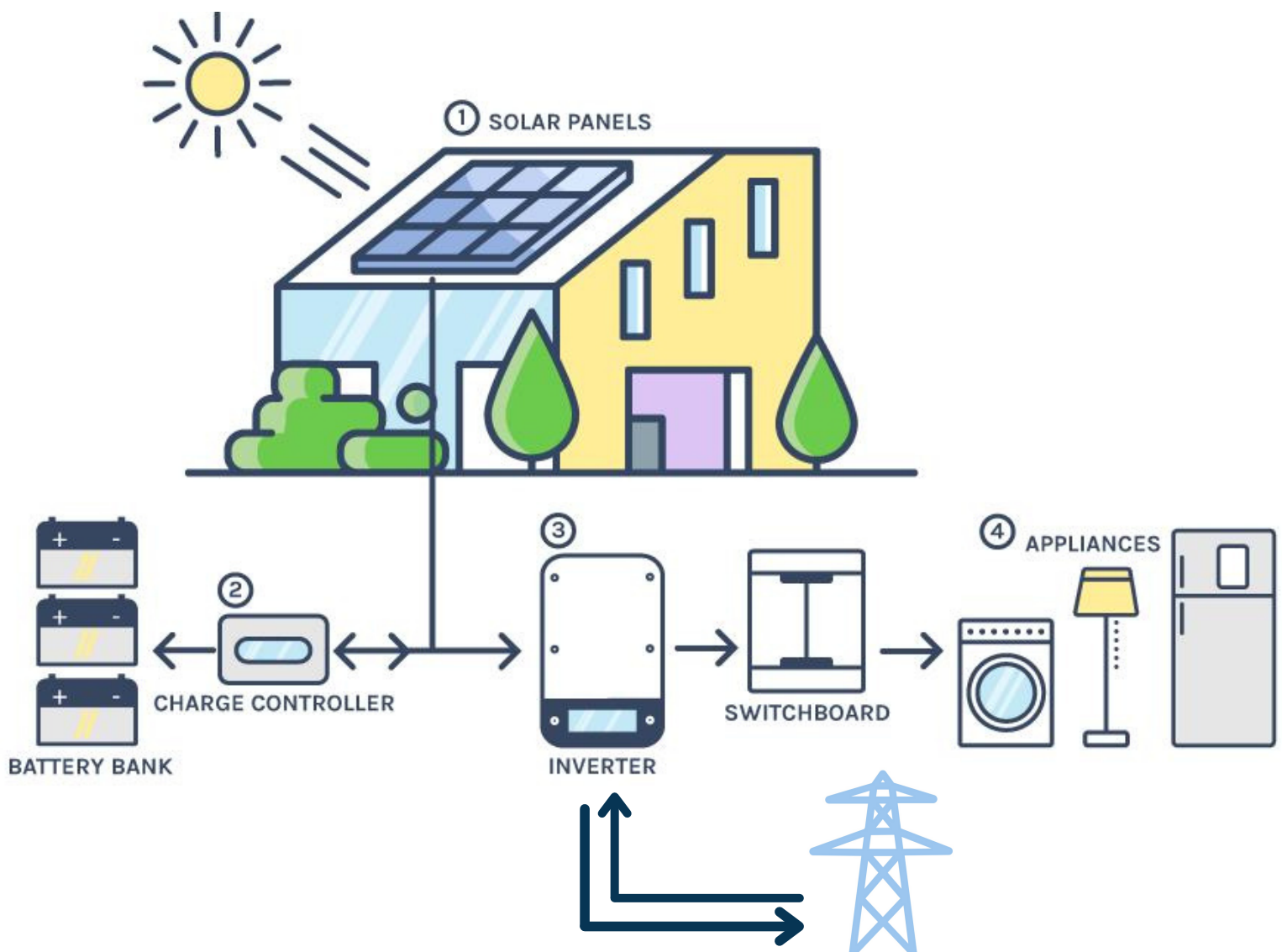
# RESIDENTIAL & COMMERCIAL SOLAR SOLUTIONS



**Bring the Power of the Sun  
to Your Service**

# SYSTEM BENEFITS

- Leverage the sun during the day and have free PV energy direct to your home.
- Store Energy and use it during the night.
- System helps avoid power cuts.
- System helps lowering your energy bill.



# SYSTEMS OPTIONS

Basic System Size (A)	10	16	20	25	30
Inverter Rating (KW)	3.6	3.6	5.5	5.5	8
PV Panels Quantity	4-6	8-10	10-12	12-14	14-16
Unshaded Roof Area (m <sup>2</sup> )	8-12	16-20	20-24	24-28	28-32
<b>System excl. Batteries(\$)</b>	<b>4, 200</b>	<b>5, 250</b>	<b>5, 800</b>	<b>6, 500</b>	<b>7,450</b>

\*PV Metallic Structure in case needed is excluded from above pricing.

\*Electrical requirements may vary the budget depending on physical conditions and cable lengths.

\*Other customized system options available upon request.

# BATTERY AUTONOMY OPTIONS

Lithium Batteries 48V (Ah)	100	200	300	400	600
Energy Stored (Wh)	4,800	9,600	14,400	19,200	28,800
Runtime @5A (Hrs)	3.5	7	10.5	14	22.9
Runtime @10A (Hrs)	1.7	3.5	5.2	7.0	10.5
Runtime @15A (Hrs)	NA	2.3	3.5	4.7	7
Runtime @20A (Hrs)	NA	1.7	2.6	3.5	5.2
Runtime @25A (Hrs)	NA	NA	2.1	2.8	4.2
<b>Batteries Packs Price (\$)</b>	<b>1, 700</b>	<b>2, 950</b>	<b>4, 950</b>	<b>5, 950</b>	<b>8, 950</b>

\*Autonomy calculations based on 220 V and battery depth of discharge DoD - 80%.

\*Actual Autonomy may slightly vary depending on environmental conditions

# OFFERING & WARRANTY

1. Solar panels have 10 years warranty and 25 years of linear performance warranty.
2. Hybrid Inverters available in:
  - a. Single phase and Three Phase Variants.
  - b. Diverse KW Rating options.
  - c. Ability to feed back to grid.
3. Battery technology offered is lithium LiFePO<sub>4</sub> with 10 years manufacturer warranty.
4. Product technical datasheets provided with offer.



**SYSTEM WARRANTY**



**WARRANTY**

manufacturer warranty on PV Panels



**WARRANTY**

Insuring at least 84.8% performance for PV panels after 25 years



**WARRANTY**

on Batteries



**WARRANTY**

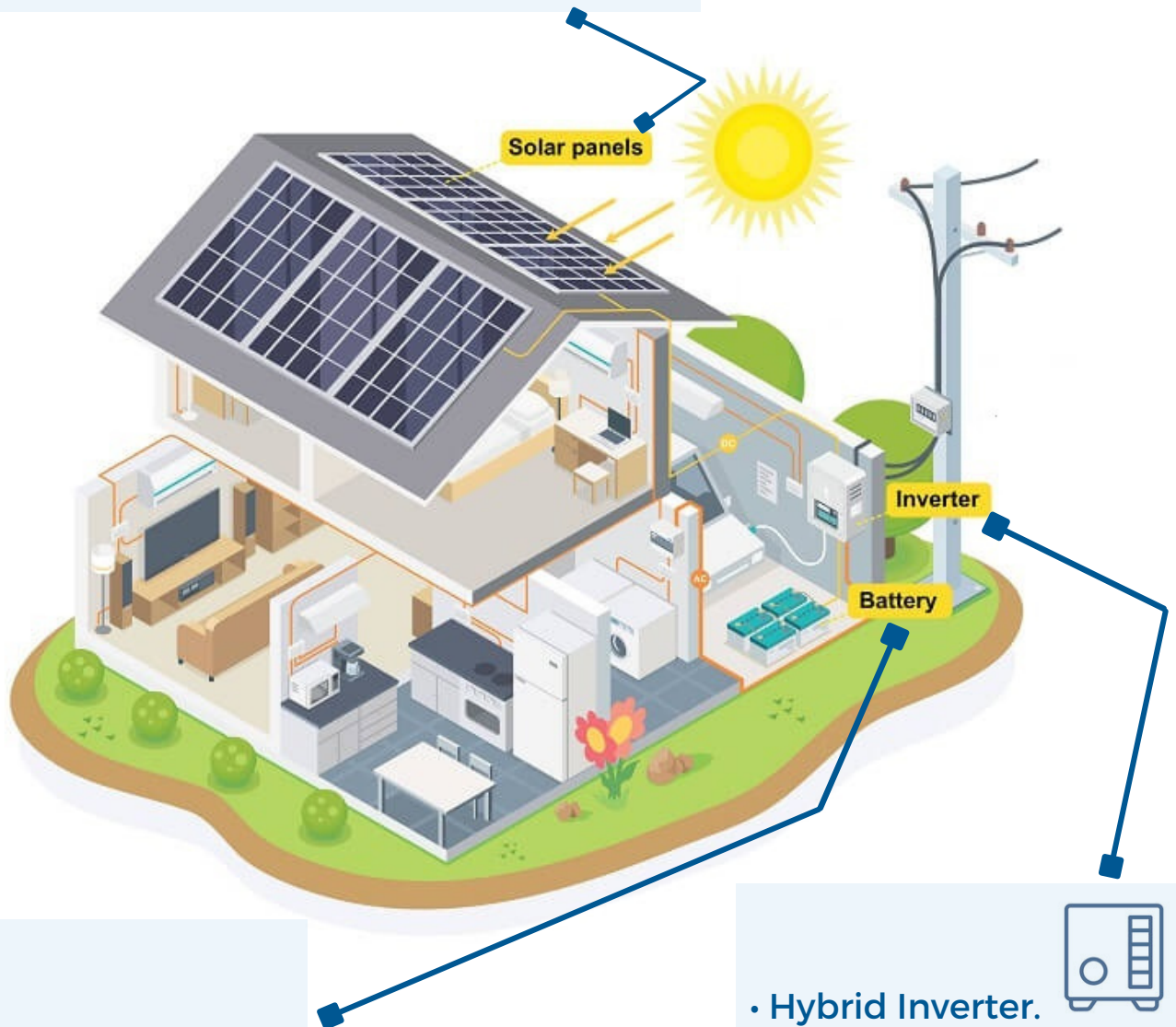
on Hybrid Inverter





# SYSTEM HIGHLIGHTS

- Tier 1 PV brands
- Highly efficient PV panels.
- Monocrystalline technology.



- Ultrafast charging and discharging lithium batteries
- Extremely high number of cycles available (>6500 Cycles at 80% DoD)
- Safe chemicals - LiFePO<sub>4</sub>



- Hybrid Inverter.
- Highly efficient. (>98%)
- Single Phase & Three Phase options.
- All Amps ratings available