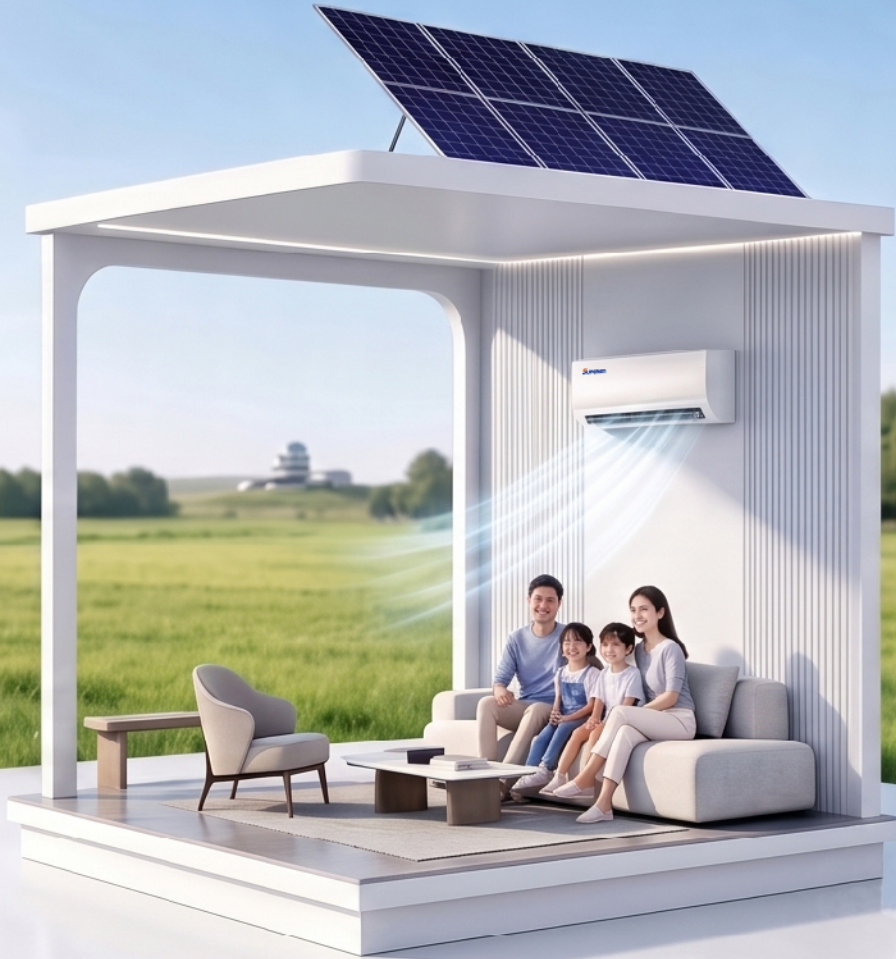


SUPEREN

SOLAR HYBRID AIR CONDITIONER

Run Your AC on **100%** Sun Power.



100% saving
in daytime.



Free of
Inverter / Battery /
Charge Controller



Solar /
Full DC
Driven Alone



AC/DC
Auto-balance



ECO
Control



Operating
Temperature
(-10°C to 58°C)

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SUPEREN

HYBRID SOLAR AIR CONDITIONER



ENGINEERED FOR LOWER BILLS, HIGH EFFICIENCY & SUSTAINABLE LIVING.

- **DC Brushless Fan Motors:** Indoor and outdoor units feature ultra-quiet brushless motors that minimize power draw while providing variable-frequency capacity control.
- **Optimal Room Coverage:** Rated to efficiently cool spaces between 20 to 40 square meters.
- **Cleaner, Healthier Air:** Built-in air filtration filters pollen particles and dehumidifies your living or workspace.
- **Eco-Friendly Impact:** Reduces reliance on power plants and significantly cuts down overall household greenhouse gas emissions.



SMART COOLING FOR A SMARTER HOME.

Track every watt of solar savings while keeping your family perfectly comfortable with **Tuya App** integration.



INTELLIGENT
POWER
MANAGEMENT

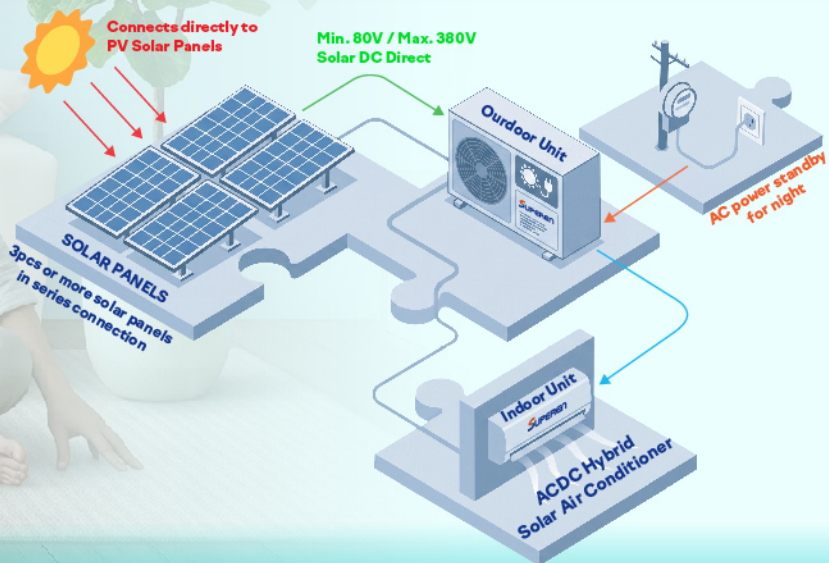
SMART HYBRID TECHNOLOGY SEAMLESS ENERGY SAVINGS

Cost Savings Comparison: **Traditional vs. Hybrid Mode** (Assumption : 8am - 5pm at 24°C)

Capacity (Cooling)	Estimation Traditional Aircond Monthly TNB Cost (RM)	Estimation Hybrid Solar Aircond Monthly TNB Cost (RM)	Savings % (Monthly)	Savings (Monthly)
1.5hp	RM185	RM49	73%	RM136
2.0hp	RM230	RM74	66%	RM156

Cost Savings Comparison: **Traditional vs. Solar Mode** (Assumption : 8am - 5pm at 24°C)

Capacity (Cooling)	Estimation Traditional Aircond Monthly TNB Cost (RM)	Estimation Hybrid Solar Aircond Monthly TNB Cost (RM)	Savings % (Monthly)	Savings (Monthly)
1.5hp	RM185	RM0	100%	RM185
2.0hp	RM230	RM0	100%	RM230



SYSTEM SPECIFICATIONS

Technical Information - Indoor Unit

Model	SAC-12H-YM	SAC-18H-YM
Capacity (Cooling)	1.5hp	2.0hp
Capacity (Cooling)	12000	17200
Frequency	50hz	50hz
Voltage	208-240V~	208-240V~
EER	4.02 W/W	3.74W/W
Star Rating	4 Star	4 Star
Net Dimension (W x H x D)	910 × 330 × 233	970 × 330 × 233
Net Weight	7 Kg	13 Kg
Gross Weight	11 Kg	15 Kg

Technical Information - Outdoor Unit

Model	SAC-12H/O-YM	SAC-18H/O-YM
Capacity (Cooling)	1.5hp	2.0hp
Capacity (Cooling)	12000	17200
Refrigerant	R32	R32
Max Suction Pressure	2.5 (Suction Side)	2.5 (Suction Side)
Max Discharge Pressure	4.3 (Discharge Side)	4.3 (Discharge Side)
Net Dimension (W x H x D)	797 × 336 × 556	874 × 368 × 559
Net Weight	27 Kg	31 Kg
Gross Weight	30 Kg	34 Kg

Office Location

46, Jalan Pemaju U1/15, Hicom-glenmarie Industrial Park,
40150 Shah Alam, Selangor

www.elektrikhaus.my