



Shikkee SolarCarport

Where Chaos Ends

The Shikkee Solar Carport is a modern, plug-and-play energy solution that charges two electric cars directly from the sun. No noise, no fuel, no grid dependency during the day. Part of the Shikkee ecosystem for sustainable living, intelligent homes, and elevated Shikkee Iconic models.

⚡ System Overview

Cars Supported: 2 EVs (dual-bay canopy) 25sqm
System Capacity: ~11–12 kW (AC)
Solar Panels: ~24 high-efficiency mono-crystalline modules (≥540 W each)
Daily Solar Power: ~55–60 kWh/day
Typical Driving Range: ~300 km/day
Perfect For: Homes, fleets, or shared parking needing all-day solar charging

🏠 Built for Real Life

- 3-Phase Inverter: Grid-approved (Israel standard)
- EV Charger Ready: Compatible with dual Type 2 / CCS2 smart chargers (available under Shikkee Plug-Ins category)
- Safety First: Built-in RCD + surge protection
- Net-Billing Ready: Earn credit for unused solar energy

🌍 Everyday Benefits

- ☀️ Generates up to 55–60 kWh per day
- ⚡ Ready for two EVs (dual charging support)
- 🚗 ~300 km daily range powered by sunlight
- 🏡 Adds value to your property and enhances every Shikkee Iconic model
- 💚 Zero emissions, zero compromise

Questions? Contact us!

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📦 What's Included

- Prefabricated solar structure with integrated panels
- Optional dual smart chargers (Type 2 / CCS2) — available under Shikkee Plug-Ins
- Complete electrical kit & protection devices
- Installation drawings (2D / 3D)
- Full warranty – structure + PV system
- Plug-and-play setup — ready in hours

💡 Why you'll Love It

- Fast Installation: Fully prefabricated and plug-and-play
- Modern Minimalism: Clean lines, hidden wiring, premium materials
- Strong & Durable: Hot-dip galvanized steel or aluminum frame, waterproof roof with integrated drainage
- Weather-Resistant: 30 m/s wind rating, 0.5 kN/m² snow load
- Fits Any Home: Compact footprint (~25 m²) with 2.2 m clearance

🔌 Solar Power System

- 3-Phase 400 V inverter (IEC 62116 / 61727 compliant)
- Smart monitoring for solar yield + charger activity
- Hidden cable routing + full waterproof protection
- Compatible with Net Billing (Israel standard)

Alternative Car Port Non-Solar Version

Same size & layout (dual-bay, ~25 m²)

- Same structure material & load resistance
- Waterproof roof with external gutter system
- EV charger mounting option retained