

POWER LANAI

The lanai that runs the house.

A BIFACIAL SOLAR CANOPY FOR THE FLORIDA OUTDOOR ROOM



Florida already gave you the outdoor room. The lanai is where the day happens — the morning swim, lunch on the lanai, backyard get-togethers, dinners that stay outside.

Power Lanai puts a solar roof over that living space. Shade when the sun is high. Cover when a shower blows through. Power for the lanai and the rest of the house. And when you look up, a ceiling of glass, cells, and sky.

One structure. Three things you feel every day.

WHAT IT IS

A Power Lanai is a new solar roof over your pool, patio, or outdoor kitchen. Bi-facial solar modules, set in a structure built for Florida sunshine, turn the outdoor room into the most useful square footage on the lot. From the pool or the table, it reads as a stunning glass ceiling. From the meter, it reads as a 16 kW-class system sized for a single Florida home.

WHAT YOU GET

1. POWER

A 16 kW canopy is a strong match for a typical Florida home — lights, air conditioning, the pool pump, and the day-to-day load. You choose the battery. Tesla Powerwall or another system your electrician wires in. Power Lanai makes the kilowatts. You decide how they are stored for evening and backup. Buy the battery from the manufacturer. We design the canopy and install it with our certified electricians.

2. SHADE

Noon becomes the hour you keep. The canopy takes the harsh overhead sun off the water and the deck. Patterned shade: cells catch most of the sky, and light slips through the gaps as a glow on the water. Potted plants like that filtered light. They stop baking in full sun. On our bi-facial canopy, about 95% of the overhead sun is filtered. When an afternoon shower moves through, lunch stays on the table.

3. BEAUTY

Look up from the water. Look up from the table. The cell grid and the sky coming through are the finish of the room. Guests remember the solar ceiling.

MORE THAN A SCREEN

A traditional Florida lanai keeps the bugs out. That is one job. You still bake at noon. A shower still ends lunch. The plants still fry on the deck. The house still buys its power from the street.

Power Lanai keeps the bugs out — then earns its keep. Shade, rain cover, power, and a glass ceiling. This is a new structure from the ground up. Deeper footings. Stronger beams. Engineered so the roof stays put in a hurricane. We design each lanai and solar canopy to the lot.

WHERE IT LIVES

OVER THE POOL

Swimmers get shade. The water gets patterned light. The house gets the power.

OVER THE PATIO

Lunch on the lanai. Dinner with friends. A shower that leaves the table where it is.

OVER THE KITCHEN

Shade for the chef. Power for the house.

One product. Three rooms Florida already lives in.



HOW THE POWER WORKS

A typical Power Lanai is about 16 kW of bi-facial modules — daily energy for a single home in this climate. Both faces of the module work. The front takes the sun. The back picks up light from the deck and the room below.

Pair the canopy with the battery that fits your house. The battery is yours. Our work is the structure, the array, and a clean install with our certified electricians.

THE LIFE IT GIVES YOU

You stay outside longer. The pool is kinder at one o'clock. Lunch stays on the lanai. A passing shower leaves the table where it is. Friends linger. The plants look better in the filtered light.

The house runs on what the lanai gathers. The bill gets quieter. Add a battery, and evening power is already on the wall.

Every time you look up, you see why you built it.



WHO BUILDS IT

Power Lanai LLC is a Florida company, based in Cape Coral. We design the canopy, specify the array, and install it with our certified electricians. You own the battery you choose. We build the roof that makes the power.

A Power Lanai is a new structure from the ground up. Deeper footings. Stronger beams. A roof engineered to stay in a Florida hurricane. Tell us about the lot. We design the lanai and the solar canopy together, and we install both.

powerlanai.com

Power Lanai LLC · Cape Coral, Florida