

Residential Solar with Storage Solar Power with Battery Back-up



ADARA
POWER
(formerly JuiceBox Energy)

Las Vegas NV

The new **Adara Power 8.6 kWh Energy Storage System** – the first Advanced Residential Energy Storage System for every renewable energy installation! While recent reductions in net metering rates may appear to be a hindrance to solar adoption, innovative energy storage technology now available in Nevada will enable residential customers to retain their self-generated, renewable energy and reduce their overall dependence on the utility.



- **Smooth Energy Storage** - Store energy during early morning and low usage days and feed it back into your building when it is needed to improve power quality and reduce the intermittent load on the grid.
- **On Demand Solar Power** - The grid goes down or you want to be self-sufficient. The Adara Energy Storage System charges and discharges day after day from your renewable source to power critical loads during extended outages.
- **Economic Energy Savings** - Charge during non-peak hours and take advantage of time of use rates by consuming your own energy first. Customers can reduce demand charges which are based on the highest 15-minute period of the month and typically account for 25-35% of a building's energy bill.

ADARA POWER 8.6 KWH

ENERGY	8.6 kWh
ENERGY STORAGE CAPACITY	172 Ah
NOMINAL VOLTAGE	50 V
CONTINUOUS POWER	5.5 kW
PEAK POWER	7.0 kW
MAX CHARGE RATE	80 A
MAX DISCHARGE RATE	140 A
OPERATING TEMPERATURE RANGE	-10C to 50C

SOLAR PROJECT DATA

CLIENT	Maguire Residence
INDUSTRY	Residential Solar with Battery Back-up
SOLAR SYSTEM SIZE	9.297 kWAC / 10.83 kWDC
ANNUAL KWH OF ENERGY PRODUCED	16,657
LIFETIME KWH OF ENERGY PRODUCED	435,103 kWh
ROLE	Design Build Contractor
COMPLETION DATE	2016

