



Our products are based on an 1860 Watt thin film photovoltaic (TF-PV) Roofing Kit and on a 2120 Watt crystalline photovoltaic (CX-PV) Roofing Kit. They are the first of their kind designed specifically for residential roofs. Some of the unique attributes of LUMA solar electric (PV) roofing kits are their light weight, durability and ease of installation by the roofing and electrical trades. LUMA Resources solar roofing kits are attractive and produce enough electrical energy to substantially reduce your utility bill over the life of the system. The system will last 20 or more years.

Product Specs	Thin Film	Crystalline
All in One Solar Roofing Kit	Dimensions LR-1860	LR-2120
Rated Solar Power	1860 Watts	2120 Watts
Total Solar Shingles	60	36
Typical Physical Length	27'3" (8294mm)	18' (6986mm)
Typical Physical Width	13'7.75" (4158mm)	12' (4904mm)
Total Roof Area of Solar Kit	371.8 sq. ft.	216 sq. ft.
Electrical Specs	LR-1860 Shingle	LR – 2120 Shingle
Rated Power (Pmax)	31 Watts	59 Watts
Operating Voltage (Vmp)	7.5 Volts	8.1 Volts
Operating Current (Imp)	4.13 Amps	7.3 Amps
Open Circuit Voltage (Voc)	10.5 Volts	9.8 Volts
Short Circuit Current (Isc)	5.1 Amps	7.8 Amps
Series Fuse Rating	8 Amps	15 Amps
Min. Blocking Diode	8 Amps	15 Amps
Kit Voltage	300 Volts dc	146 Volts

