



U.S. DEPARTMENT OF ENERGY



5KTM BROCHURE



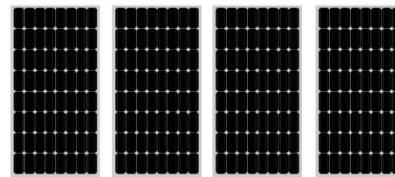
Cloud Monitoring & Programming

Modes:

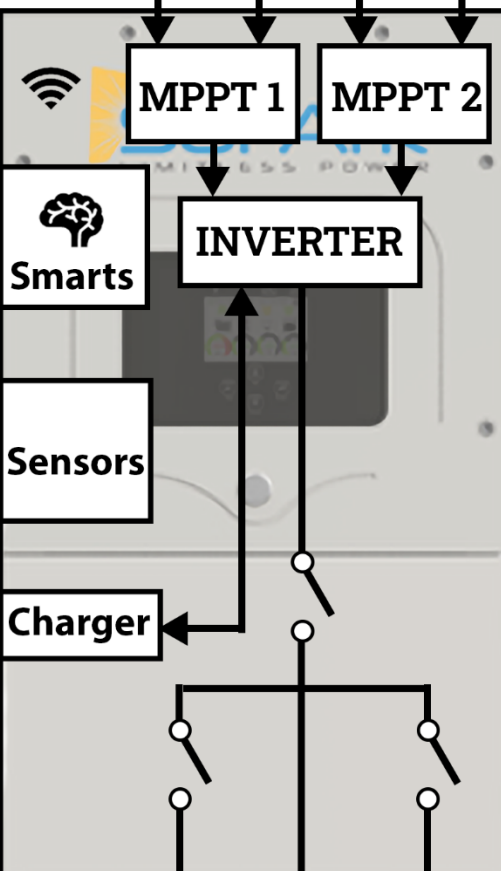
Grid Sell, Off-Grid, Meter Zero, Time of Use, & Peak Shaving

RSD/Emergency Stop, External CT Sensors, Parallel Comms/Battery Comms, Auto Gen Start

Battery Agnostic
48V Nominal & at least 50Ah



6.5kW DC Coupling
150V-425V @ 10A
per MPPT



MPPT 1

MPPT 2

INVERTER

Smarts

Sensors

Charger

4ms UPS
No-Glitch Transfer

Smart Load
Prioritize
Necessities &
Run Luxuries
With Less

Gen Breaker
Up to 12kW
Generator Input

Grid or Generator
63A Passthrough

Off-Grid Loads
5kW Continuous
16kW Peak

AC Coupling
9.6kW Output



Highest Rating on Energy Sage

Nothing but positive reviews on EnergySage. We have a long track record of satisfied customers, as well as customers that have switched from other big names to go with our products instead.

5K™



Install Simplicity

Unlike many hybrid inverters, our system is an all-in-one unit. You don't have to piece together multiple parts to get basic functions. Ours does it all, does it better, and does it with simplicity.

7 Day/Week Engineering & Customer Support

Sol-Ark beats all competition at customer support. We have engineers ready to assist with all questions, diagnosis, homeowner support, and remote unit management. We can solve virtually any problem without a site visit.

Feature Comparison	Sol-Ark 5K	Tesla Powerwall 2	Generac PWRcell	SolarEdge/LG EnergyHub	Enphase Encharge 10
Install Simplicity	All-In-One Hybrid, Solar Batt. Calculator Some load mgmt	Entire home transfer Switch, No load mgmt	Entire home transfer switch, All-In-One Hybrid, Some load mgmt	Entire home transfer switch, No load mgmt	Entire home transfer switch, No load mgmt
7 day single support line	Yes	No	Yes	No	Yes
Peak Current (Off Grid)	63A	30A	50A	30A	24.6A
Continuous Power (On Grid)	5kW	5kW	7.6kW	5kW	3.84kW
Usable Battery Energy	20kWh	13.5kWh	18kWh	9.3kWh	10.5kWh
Battery Life Span	15 Years (LFP)	10 Years (NMC Active Cooling)	10 Years (NMC Active Cooling)	7 Years (NMC Passive Cooling)	15 Years (LFP)
PV to Batt to AC Efficiency	93%	87%	85%	82%	87%
Charging Batt from Generator	Yes	No	No	No	No
Fleet Mgmt Tool w/ Remote Setup	Yes	No	Yes	Yes	Yes