

BrightVault is a Custom energy storage system with a virtually limitless range of sizes on both the output, and energy storage side. The table below shows the approximate runtime for each of the (5) storage capacities based on sample average electrical draw on the system. A BrightVault Processor will mitigate energy usage to keep the residence on the lower end of the average draw to increase runtime during a power outage by dynamically controlling loads within the home. Number of controlled circuits in pricing are shown, and can be increased for greater control over the home. If solar is producing during outage, the approximate runtime will be greater.

### Custom BrightVault Smart Energy Storage System Includes...

- \* BrightVault Processor for Dynamic Load Management and Control System Integration.
- \* (4) Inverters for 200Amps Max Continuous Output.
- \* (5-25) BrightVault LifePo4 Energy Storage Units (see table below for storage capacity and runtimes).
- \* (4) Smart Panels controlling/shedding circuits to increase runtime.
- \* System Design and Permit Documents\*.
- \* Installation Labor\*.

#### System Runtime Options

Average Draw			System Storage Capacity				
Amps	KW	%	51.2kWh	102.4kWh	153.6kWh	204.8kWh	256kWh
25	6	2.5	8.5 Hours	17 Hours	25.5 Hours	34.25 Hours	42.75 Hours
50	12	5	4.25 Hours	8.5 Hours	12.75 Hours	17 Hours	21.25 Hours
75	18	7.5	2.75 Hours	5.75 Hours	8.5 Hours	11.5 Hours	14.25 Hours
100	24	10	2.25 Hours	4.25 Hours	6.5 Hours	8.5 Hours	10.75 Hours
125	30	12.5	1.75 Hours	3.5 Hours	5 Hours	6.75 Hours	8.5 Hours
150	36	15	1.5 Hours	2.75 Hours	4.25 Hours	5.75 Hours	7 Hours

<b>Controlled Circuits</b>	48	48	48	48	48	48
<b>Approximate Wall Space (sqf)</b>	54	84	114	144	174	
System Cost	\$239,100.00	\$310,300.00	\$381,300.00	\$452,300.00	\$523,500.00	
Federal Tax Credit**	(\$71,730.00)	(\$93,090.00)	(\$114,390.00)	(\$135,690.00)	(\$157,050.00)	
<b>Net Investment</b>	<b>\$167,370.00</b>	<b>\$217,210.00</b>	<b>\$266,910.00</b>	<b>\$316,610.00</b>	<b>\$366,450.00</b>	

% = Percent of Of MDP

Average Draw is an example as real world electrical usage will fluctuate based on loads being used.

\*Line Voltage Electrical Work, ATS, Combiner Panels, Manual Transfer Switch, Permit Cost and Engineering Stamp (If Needed) are excluded.

\*\*Based on 30% Federal Tax Credit, consult your tax professional. Additional local rebates and incentives may be available.

Contact [Sales@BrightVault.com](mailto:Sales@BrightVault.com) for more information.