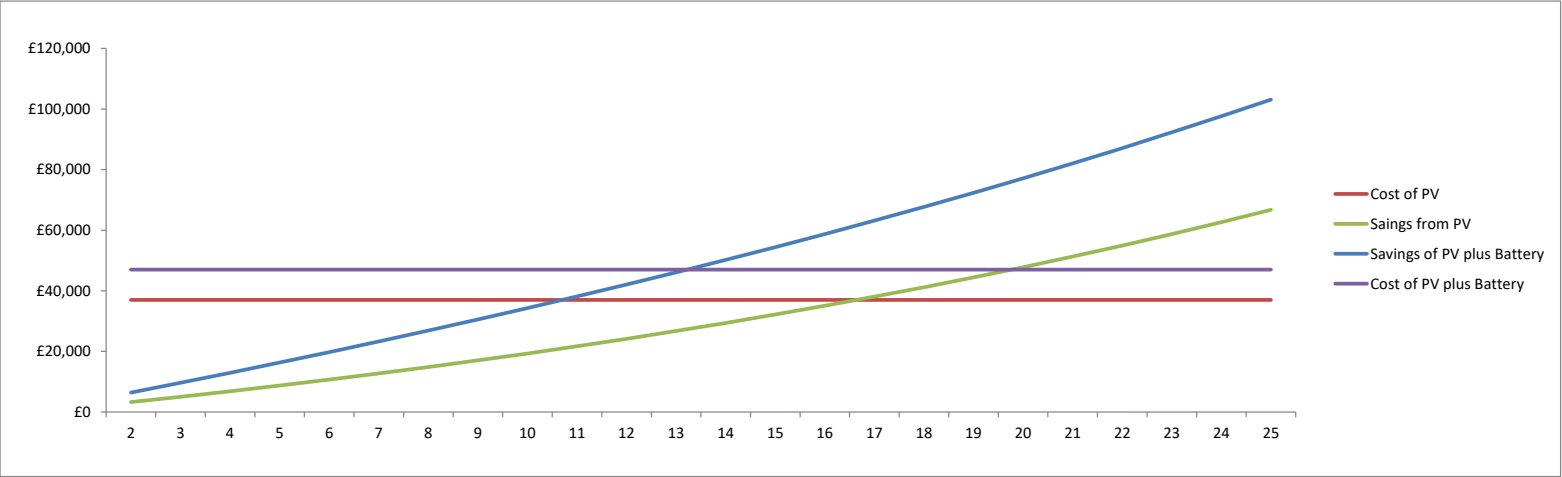


27.4 kWp Returns over 25 years

Irradiance Co-eff 920

Year	kWh/year	Electric Tariff	Annual Savings with PV	Total Savings with PV	Cost of PV	ROI	Annual Savings of Battery	Savings PV plus battery	Total savings PV plus battery	Cost With Battery	ROI PV plus Battery
2020	25,208	0.16	£1,613	£1,613	£37,000	4.36%	£ 1,613	£ 3,227	£ 3,227	£47,000	6.87%
2021	25,120	0.16	£1,677	£3,290	£37,000	4.53%	£ 1,507	£ 3,184	£ 6,411	£47,000	6.77%
2022	25,032	0.17	£1,743	£5,034	£37,000	4.71%	£ 1,502	£ 3,245	£ 9,656	£47,000	6.90%
2023	24,944	0.17	£1,812	£6,846	£37,000	4.90%	£ 1,497	£ 3,309	£ 12,965	£47,000	7.04%
2024	24,857	0.18	£1,884	£8,729	£37,000	5.09%	£ 1,491	£ 3,375	£ 16,340	£47,000	7.18%
2025	24,770	0.19	£1,958	£10,688	£37,000	5.29%	£ 1,486	£ 3,444	£ 19,784	£47,000	7.33%
2026	24,683	0.19	£2,035	£12,723	£37,000	5.50%	£ 1,481	£ 3,516	£ 23,301	£47,000	7.48%
2027	24,597	0.20	£2,116	£14,839	£37,000	5.72%	£ 1,476	£ 3,592	£ 26,892	£47,000	7.64%
2028	24,511	0.20	£2,199	£17,038	£37,000	5.94%	£ 1,471	£ 3,670	£ 30,563	£47,000	7.81%
2029	24,425	0.21	£2,286	£19,325	£37,000	6.18%	£ 1,465	£ 3,752	£ 34,314	£47,000	7.98%
2030	24,339	0.22	£2,377	£21,701	£37,000	6.42%	£ 1,460	£ 3,837	£ 38,151	£47,000	8.16%
2031	24,254	0.22	£2,471	£24,172	£37,000	6.68%	£ 1,455	£ 3,926	£ 42,077	£47,000	8.35%
2032	24,169	0.23	£2,568	£26,740	£37,000	6.94%	£ 1,450	£ 4,018	£ 46,095	£47,000	8.55%
2033	24,085	0.23	£2,670	£29,410	£37,000	7.21%	£ 1,445	£ 4,115	£ 50,210	£47,000	8.75%
2034	24,001	0.24	£2,775	£32,185	£37,000	7.50%	£ 1,440	£ 4,215	£ 54,425	£47,000	8.97%
2035	23,917	0.25	£2,885	£35,069	£37,000	7.80%	£ 1,435	£ 4,320	£ 58,745	£47,000	9.19%
2036	23,833	0.26	£2,999	£38,068	£37,000	8.10%	£ 1,430	£ 4,429	£ 63,173	£47,000	9.42%
2037	23,749	0.26	£3,117	£41,185	£37,000	8.42%	£ 1,425	£ 4,542	£ 67,715	£47,000	9.66%
2038	23,666	0.27	£3,240	£44,425	£37,000	8.76%	£ 1,420	£ 4,660	£ 72,375	£47,000	9.92%
2039	23,583	0.28	£3,368	£47,793	£37,000	9.10%	£ 1,415	£ 4,783	£ 77,158	£47,000	10.18%
2040	23,501	0.29	£3,501	£51,294	£37,000	9.46%	£ 1,410	£ 4,911	£ 82,069	£47,000	10.45%
2041	23,419	0.30	£3,639	£54,933	£37,000	9.84%	£ 1,405	£ 5,045	£ 87,114	£47,000	10.73%
2042	23,337	0.31	£3,783	£58,717	£37,000	10.22%	£ 1,400	£ 5,183	£ 92,297	£47,000	11.03%
2043	23,255	0.32	£3,933	£62,649	£37,000	10.63%	£ 1,395	£ 5,328	£ 97,625	£47,000	11.34%
2044	23,174	0.33	£4,088	£66,737	£37,000	11.05%	£ 1,390	£ 5,478	£ 103,104	£47,000	11.66%
Total kWh	604,428	Total PV Savings	£66,737				Total PV plus Battery Savings	£ 103,104			

Option	System Size	System Cost (Exc VAT)	Annual Ouput (kWh)	Total PV Savings	Lifetime PV Benefits (net of system cost)	Payback Time PV + Battery	Average rate of return over 20 years PV	Total PV plus Battery Savings	PV plus Battery Cost	Average ROI PV + Battery
Q-Cell 315w All Black Mono	27.4	£37,000	24,177	£ 66,737	£29,737	10 Years	7.52%	£ 103,104	£ 47,000.00	8.77%



The performance of the solar PV System is impossible to predict with certainty due to the variability in the amount of solar radiation (sunlight) from location to location and from year to year. The estimate is based upon the Government's standard assessment procedure for energy rating of buildings (SAP) and is given as guidance only. It should not be considered as a guarantee of performance