

## Customer Quotation

**Customer:** Mr & Mrs Smith  
**Address:** 123 Solar Street, Sunnyville, SN1 2AB

### System Specification

|                             |               |
|-----------------------------|---------------|
| Solar Panel Capacity:       | 4.0 kWp       |
| Battery Storage:            | 5.0 kWh       |
| Location:                   | South England |
| Roof Orientation:           | Ideal (South) |
| Expected Annual Generation: | 4,555 kWh     |
| Capacity Factor:            | 13.0%         |

### Your Energy Profile

|                              |                |
|------------------------------|----------------|
| Heating Type:                | Gas/Oil boiler |
| Base Electricity Usage:      | 3,500 kWh/year |
| Total Household Consumption: | 3,500 kWh/year |

### Investment

|                    |         |
|--------------------|---------|
| Solar PV System:   | £6,000  |
| Battery Storage:   | £4,000  |
|                    |         |
| Total System Cost: | £10,000 |

### Payment Option

|                 |                  |
|-----------------|------------------|
| Payment Method: | Upfront Purchase |
| Amount Due:     | £10,000          |

### Projected Savings

|                       |        |
|-----------------------|--------|
| Year 1 Savings:       | £1,066 |
| Year 1 Export Income: | £242   |

|                                      |         |
|--------------------------------------|---------|
| <b>Payback Period:</b>               | 9 years |
| <b>NPV (25 years @ 3.0%):</b>        | £24,821 |
| <b>Cumulative Benefit (Year 10):</b> | £2,152  |
| <b>Cumulative Benefit (Year 15):</b> | £9,420  |
| <b>Cumulative Benefit (Year 25):</b> | £27,004 |

## Assumptions & Notes

- This quotation is based on the following assumptions:
- Electricity price: 28p/kWh with 3.0% annual increase
  - Export tariff (SEG): 15p/kWh
  - Daytime usage: 40% of consumption during daylight hours
  - Analysis period: 25 years

Actual savings will depend on your usage patterns, weather conditions, and future energy prices. This quotation is valid for 30 days from the date shown above.