

SPECIFICATIONS

INTEGRATED SOLAR TILES

| | Standard 2 kW System | Standard Plus 3 kW System | Performance 3 kW System | Optimum 5 kW System |
|---|---|---|---|---|
| Solar Cells Type | Planum or Prestige integrated solar tiles | Planum or Prestige integrated solar tiles | Planum or Prestige integrated solar tiles | Planum or Prestige integrated solar tiles |
| Power Generation | 45 Watt premium monocrystalline cells | 45 Watt premium monocrystalline cells | 45 Watt premium monocrystalline cells | 45 Watt premium monocrystalline cells |
| Solar Cell Type | Low iron hail resistant tempered glass | Low iron hail resistant tempered glass | Low iron hail resistant tempered glass | Low iron hail resistant tempered glass |
| Tiles per kW | 22 tiles | 22 tiles | 22 tiles | 22 tiles |
| Roof Area Covered | 44 tiles = 14.5m ² | 66 tiles = 21.5m ² | 66 tiles = 21.5m ² | 110 tiles = 35.5m ² |
| Product Warranty | 10 Years | 10 Years | 10 Years | 10 Years |
| Performance Warranty | 25 Years to 80% | 25 Years to 80% | 25 Years to 80% | 25 Years to 80% |
| Inverter | Fronius Inverter | Fronius Inverter | sonnen Integrated Inverter | sonnen Integrated Inverter |
| Inverter Product Warranty | 10 Years* | 10 Years* | 10 Years | 10 Years |
| Battery | Not included | Not included | Lithium Iron Phosphate German Battery | Lithium Iron Phosphate German Battery |
| Battery Storage | Not included | Not included | 4kWh – Standard 6kWh – Upgrade | 6kWh – Standard 8kWh – Upgrade |
| Battery Warranty and Cycle Life | Not included | Not included | 10,000 | 10,000 |
| Single or three phase compatible | Not included | Not included | Yes | Yes |
| Communication Package | <p><i>Standard Communication Package includes:</i></p> <p>Wireless local area network connection</p> <p>Energy Management</p> <p>The ability to communicate with user, integrated solar system and the electricity grid</p> | <p><i>Standard Communication Package includes:</i></p> <p>Wireless local area network connection</p> <p>Energy Management</p> <p>The ability to communicate with user, integrated solar system and the electricity grid</p> | <p><i>Advanced Package includes:</i></p> <p>Ethernet network connection</p> <p>Energy Management</p> <p>The ability to communicate with user, integrated solar system and the electricity grid</p> <p>System monitors and adapts to best suit individual consumption to minimise energy costs</p> | <p><i>Advanced Package includes:</i></p> <p>Ethernet network connection</p> <p>Energy Management</p> <p>The ability to communicate with user, integrated solar system and the electricity grid</p> <p>System monitors and adapts to best suit individual consumption to minimise energy costs</p> |
| Upgradability | Solar cells can be upgraded in 1kWh increments up to 5 kWh | Solar cells can be upgraded in 1kWh increments up to 5 kWh | Battery can be upgraded to 8 kWh | Battery can be upgraded to 10 kWh |

*Fronius 10 year warranty is based on customers receiving the standard 5 Year warranty from Fronius and by the warranty holder claiming a 5 Year warranty extension within 30 months of the warranty product being dispatched by Fronius. The warranty extension is claimed by registering the warranty product together with its serial number at www.solarweb.com

SPECIFICATIONS

TRADITIONAL SOLAR PANELS

| | Standard 2 kW System | Standard Plus 3 kW System | Performance 3 kW System | Optimum 5 kW System |
|---|---|---|---|---|
| Solar Cells Type | Traditional roof top installed solar system | Traditional roof top installed solar system | Traditional roof top installed solar system | Traditional roof top installed solar system |
| Power Generation | 295 Watt premium monocrystalline cells | 295 Watt premium monocrystalline cells | 295 Watt premium monocrystalline cells | 295 Watt premium monocrystalline cells |
| Solar Cell Type | Low iron hail resistant tempered glass | Low iron hail resistant tempered glass | Low iron hail resistant tempered glass | Low iron hail resistant tempered glass |
| Panels per kW | 3.5 panels | 3.5 panels | 3.5 panels | 3.5 panels |
| Roof Area Covered | 7 panels = 11.5m ² | 10 panels = 16.5m ² | 10 panels = 16.5m ² | 17 panels = 28m ² |
| Product Warranty | 12 Years | 12 Years | 12 Years | 12 Years |
| Performance Warranty | 25 Years to 80% | 25 Years to 80% | 25 Years to 80% | 25 Years to 80% |
| Inverter | Fronius Inverter | Fronius Inverter | sonnen Integrated Inverter | sonnen Integrated Inverter |
| Inverter Product Warranty | 10 Years* | 10 Years* | 10 Years | 10 Years |
| Battery | Not included | Not included | Lithium Iron Phosphate German Battery | Lithium Iron Phosphate German Battery |
| Battery Storage | Not included | Not included | 4kWh – Standard 6kWh – Upgrade | 6kWh – Standard 8kWh – Upgrade |
| Battery Warranty and Cycle Life | Not included | Not included | 10,000 | 10,000 |
| Single or three phase compatible | Not included | Not included | Yes | Yes |
| Communication Package | <p><i>Standard Communication Package includes:</i></p> <p>Wireless local area network connection</p> <p>Energy Management</p> <p>The ability to communicate with user, integrated solar system and the electricity grid</p> | <p><i>Standard Communication Package includes:</i></p> <p>Wireless local area network connection</p> <p>Energy Management</p> <p>The ability to communicate with user, integrated solar system and the electricity grid</p> | <p><i>Advanced Package includes:</i></p> <p>Ethernet network connection</p> <p>Energy Management</p> <p>The ability to communicate with user, integrated solar system and the electricity grid</p> <p>System monitors and adapts to best suit individual consumption to minimise energy costs</p> | <p><i>Advanced Package includes:</i></p> <p>Ethernet network connection</p> <p>Energy Management</p> <p>The ability to communicate with user, integrated solar system and the electricity grid</p> <p>System monitors and adapts to best suit individual consumption to minimise energy costs</p> |
| Upgradability | Solar cells can be upgraded in 1kWh increments up to 5 kWh | Solar cells can be upgraded in 1kWh increments up to 5 kWh | Battery can be upgraded to 8 kWh | Battery can be upgraded to 10 kWh |

SPECIFICATIONS

SONNEN BATTERY AND INVERTER

| | sonnen Eco 8.6 | sonnen Eco 8.4 |
|---|---|---|
| Nameplate Capacity | 6kWh | 4kWh |
| Guaranteed Capacity | 6kWh | 4kWh |
| Cycles per day | 2.7 | 2.7 |
| Max kWh per day | 16.2kWh | 10.8kWh |
| Warranty Cycles | 10,000 | 10,000 |
| Warranty Cycles if used for backup | 10,000 | 10,000 |
| Total Lifetime delivered energy (under warranty) | 60,000kWh | 40,000 kWh |
| Lifetime in years | 20 | 20 |
| Cell Chemistry | Lithium Iron Phosphate (LiFePO ₄) | Lithium Iron Phosphate (LiFePO ₄) |
| Single Phase Connection | Yes | Yes |
| Three Phase Connection | Yes | Yes |
| Energy Manager | Included | Included |
| Weather Data for forecasting | Included | Included |
| Grid Services Enabled | Included | Included |
| Integrated Switches | Included | Included |
| Pre-wired | Included | Included |
| Smart Home Read | Included | Included |

Information in the table above is based on information available from the supplier at the time of printing. Information noted above are key characteristics of home battery solutions that should be considered when comparing systems.