

Single Phase

# SOLS Life Pro

Advanced Solar Inverter for **High-Performance** Homes

**98.2%**

## High Conversion Efficiency

Get more energy from your solar panels, reducing your electricity bills.



**160%**

## DC Oversizing

Generate more power by connecting extra solar panels.

**Smart Air**

## Cooling Technology

Ensures stable performance by preventing overheating, even in Malaysia's hot weather.

## Advanced Arc Fault Protection

Detects electrical faults and shuts down automatically in just 0.5 seconds for maximum safety.



**Type II**

## Surge Protection

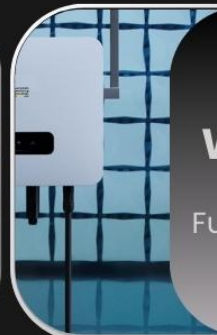
Protects your home from unexpected voltage spikes and lightning damage.



**IP66**

## Weatherproof Protection

Fully dustproof and water-resistant for long-term durability in any climate.



## Real-Time Energy Monitoring

Stay in control with a mobile app, LED display, and smart diagnostics.



## TRX 4KL1

### PV Input

|                                   |            |
|-----------------------------------|------------|
| Max. Input Power                  | 6,400W     |
| Max. Input Voltage                | 600V       |
| Nominal Input Voltage             | 360V       |
| Start-up Voltage                  | 100V       |
| MPPT Operating Voltage Range      | 80 – 560V  |
| MPPT Full Load Voltage Range      | 200 – 500V |
| Max. Input Current Per MPPT       | 18A        |
| Max. Short-Circuit Current        | 24A        |
| Number of MPP Trackers            | 2          |
| Max. Input Number Per MPP Tracker | 1/1        |

### Protection

|                                  |                                  |
|----------------------------------|----------------------------------|
| Active Anti-islanding Protection | General Electric Frequency Shift |
| Residual Current Monitoring      | yes                              |
| DC Reverse Polarity Protection   | yes                              |
| DC Switch                        | yes                              |
| AC Short-circuit Protection      | yes                              |
| AC Overvoltage Portection        | yes                              |
| AC Overcurrent Protection        | yes                              |
| DC Surge Protection              | Type II                          |
| AC Surge Protection              | Type II                          |
| Ground Fault Detection           | yes                              |
| AFCI                             | yes                              |

### AC Output

|                          |                                |
|--------------------------|--------------------------------|
| Normal Output Power      | 4,000W                         |
| Max. Apparent Power      | 4,400VA                        |
| Nominal Output Voltage   | 1 / N / PE, 220V / 230V / 240V |
| Normal AC Grid Frequency | 50Hz/60Hz                      |
| Normal Output Current    | 18.2A                          |
| Max. Output Current      | 20.0A                          |
| Adjustable Power Factor  | 0.8 leading . . . 0.8 lagging  |
| THDi                     | < 3%                           |

### General Data

|                             |                   |
|-----------------------------|-------------------|
| Operation Temperature Range | -25 to +60 °C     |
| Relative Operating Humidity | 0 – 100 %RH       |
| Operating Altitude          | 4,000m            |
| Cooling                     | Natural Cooling   |
| Display                     | LED+App           |
| Communication               | RS485 / 4G / WIFI |
| Weight                      | 11.6 kg           |
| Dimensions (W*H*D)          | 340*360*136mm     |
| Topology                    | Non-Isolated      |
| Degree of Protection        | IP66              |
| Overvoltage Level           | PV II / AC III    |

### Efficiency

|                              |       |
|------------------------------|-------|
| Max. Efficiency              | 98.2% |
| European Weighted Efficiency | 97.6% |
| MPPT Efficiency              | 99.9% |

## TRX 5KL1

### PV Input

|                                   |            |
|-----------------------------------|------------|
| Max. Input Power                  | 8,000W     |
| Max. Input Voltage                | 600V       |
| Nominal Input Voltage             | 360V       |
| Start-up Voltage                  | 100V       |
| MPPT Operating Voltage Range      | 80 – 560V  |
| MPPT Full Load Voltage Range      | 200 – 500V |
| Max. Input Current Per MPPT       | 18A        |
| Max. Short-Circuit Current        | 24A        |
| Number of MPP trackers            | 2          |
| Max. Input Number Per MPP Tracker | 1/1        |

### Protection

|                                  |                                  |
|----------------------------------|----------------------------------|
| Active Anti-islanding Protection | General Electric Frequency Shift |
| Residual Current Monitoring      | yes                              |
| DC Reverse Polarity Protection   | yes                              |
| DC Switch                        | yes                              |
| AC Short-circuit Protection      | yes                              |
| AC Overvoltage Portection        | yes                              |
| AC Overcurrent Protection        | yes                              |
| DC Surge Protection              | Type II                          |
| AC Surge Protection              | Type II                          |
| Ground Fault Detection           | yes                              |
| AFCI                             | yes                              |

### AC Output

|                          |                                |
|--------------------------|--------------------------------|
| Normal Output Power      | 5,000W                         |
| Max. Apparent Power      | 5,500VA                        |
| Nominal Output Voltage   | 1 / N / PE, 220V / 230V / 240V |
| Normal AC Grid Frequency | 50Hz/60Hz                      |
| Normal Output Current    | 22.7A                          |
| Max. Output Current      | 25.0A                          |
| Adjustable Power Factor  | 0.8 leading . . . 0.8 lagging  |
| THDi                     | < 3%                           |

### General Data

|                             |                   |
|-----------------------------|-------------------|
| Operation Temperature Range | -25 to +60 °C     |
| Relative Operating Humidity | 0 – 100 %RH       |
| Operating Altitude          | 4,000m            |
| Cooling                     | Natural Cooling   |
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### Efficiency

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| Max. Efficiency              | 98.2% |
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| MPPT Efficiency              | 99.9% |

SOLS Life Pro (Single Phase)

**Smarter Energy, Maximum Savings!**

Perfect for homeowners who demand efficiency, reliability, and advanced safety!