

### BESPOKE SOLUTIONS FOR SOUTH AFRICA



Single Phase 3.8~60.6 kWh

Single Phase 8.2~49.2 kWh

Three Phase 8.2~49.2 kWh



All-in-One Design, Quick Installation



UPS Seamless Switch, Overload 150% AC Output



High Voltage System, High Efficiency



Long Lifespan, 10-Year Warranty

Support 3 in Parallel, Dual Power Supply (Single Phase Product Series Only)

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# WHY CHOOSE ALPHAESS?

### **HIGH VOLTAGE SYSTEM**

### 1. More Savings: Saving over 60,000 Rand!

Did you know that for a regular 10 kWh battery system, every 1% difference in charge/discharge efficiency could translate to approximately 800 kWh\* over its 10-year warranty period? Our SMILE-G3 system boasts a High Voltage battery efficiency 6-7% higher than standard 48V systems, potentially saving over 60,000 Rand!



- \*The round-trip efficiency (RTE) of a battery refers to how efficiently it can store and release energy during a complete charge and discharge cycl
- \*\*This value is estimated based on 2.5 cycles a day and x% annual electricity price













### **ELEGANT ALL-IN-ONE DESIGN**







GOOD DESIGN AWARD

Why settle for an industrial-looking machine inside the house when you can have a sleek and stylish AlphaESS SMILE-G3 all-in-one system?



# 10-YEAR WARRANTY WITH **INSURANCE AND REINSURANCE**



We've purchased product liability insurance from China's leading insurance company, PING AN, and reinsurance from the world's largest reinsurer, MUNICH RE, providing absolute peace of mind for homeowners.

### **DIRECT LOCAL SUPPORT**



" We as the manufacture, provide direct support and development input through our local support team. As an accredited installation partner, you can bypass lengthy supply chains to avoid service delays and added costs. Experience all the benefits that come from dealing directly with the manufacturer of world-leading energy storage solutions.'





# **SMILE-G3-S5**

## **RESIDENTIAL SERIES**

### **POWER**

5 kW Hybrid Inverter Expandable to 15 kW Single Phase

### **CAPACITY**

3.8 kWh Battery Module, Up to 15.2 kWh 8.2 kWh Battery Module, Up to 49.2 kWh 10.1 kWh Battery Module, Up to 60.6 kWh









### **KEY FEATURES**

**All-in-One Design** 

**High Voltage System** 

**UPS Seamless Switch** 

Off-grid Max. 150% Overload, 30s

**Support 3 in Parallel, Dual Power Supply** 

200% PV Oversized, Max.15A DC Input

**Wider Range of MPPT Work Voltage** 

Max. 28 Configurable Time Periods\*



# technology at the time of printing. Subject to modifications. All information is without guarantee in spite of careful editing - liability excluded.

# **SMILE-G3-S5**



Model		SMILE-G3-S5	
System Specification			
Rated Output Power		5000 W	
Battery Chemistry	LFP ( LiFePO4 )		
Capacity Range	3.8 ~ 181.8 kWh ( 95% DoD )		
Warranty		10 Years	
PV Input Technical Specification			
Max PV Input Power		10000 W	
Max PV Input Current		15 A / 15 A	
Max. PV Input Voltage		580 V	
MPPT Number / Max. Input Strings		2/1	
Number per MPPT		2/1	
MPPT Voltage Range		100 ~ 550 V	
Max. PV Short-Circuit Current		18.75 A / 18.75 A	
MPPT Efficiency		>99%	
Inverter Technical Specification			
AC Input & Output Data (Grid Side)			
Rated AC Output Power		5000 W	
Max. AC Input Power		10000 W	
Rated Frequency		50 / 60 Hz	
Rated Voltage		230 V	
Grid Voltage Range		180 ~ 270 V	
Backup Output Data Rated Output Power (Off-grid)		F000 \\\	
Rated Output Voltage (Off-grid)		5000 W	
		230 V ± 10%	
On/Off Grid Switch Time		≤10ms	
Peak Power (Off-grid)	5500 W	V 60s; 7500 W 30s; 10000 V	W 0.5s
Max. Continuous AC Passthrough		35 A	
Rated Output Current ( off-grid )		21.7 A	
General Specification			
Dimension ( W x D x H )		610 x 212 x 366 mm	
Weight		19.5 kg	
Communication		Ethernet / WiFi	
Relative Humidity	0	~ 90% ( Non-Condensing	)
Operation Temperature		-25 ~ 60 °C	
Noise		<35 dB	
Over Voltage Category		DC Type III / AC Type II	
Ingress Protection(IP) Rating		IP 65	
Operation Altitude		3000 m	
Safety	IEC621	09-1/-2, IEC62477, IEC62	2040-1
EMC		IEC61000-6-1/-2/-3/-4	
Grid Regulation	AS 4777.2. N	RS 097, VDE 4105, EN 505	49. CEI 0-21
Battery Technical Specification			,
Module Mode	SMILE-G3-BAT-3.8S	SMILE-G3-BAT-8.2P	SMILE-G3-BAT-10.1P
Module Capacity	3.8 kWh	8.2 kWh	10.1 kWh
Usable Capacity	3.6 kWh	7.8 kWh	9.6 kWh
Depth of Discharge ( DoD )	95%*	95%*	95%*
Nominal Voltage	96 V	256 V	96 V
Max. Charging / Discharging Current	40 A	32 A	60 A
Operating Temperature Range	-10 °C ~ 50 °C**	-10 °C ~ 55 °C**	-10 °C ~ 50 °C**
Ingress Protection(IP) Rating	IP 21	IP 21	IP 65
Battery Modules Connection	1 ~ 4 in Series	1 ~ 6 in Parallel	1 ~ 6 in Parallel
Dimension ( W x D x H )	610 x 212.5 x 435 mm	610 x 212 x 793 mm	610 x 212 x 793 mm
Weight	39.2 kg	78.3 kg	90 kg





<sup>\*</sup> Test Condition: Max 0.5C charge & discharge at 25±2 C

\*\* Max. charge/discharge current derating will occur related to temperature and SOC.

YOUR SMART ENERGY



# **SMILE-G3-S8**

## **RESIDENTIAL SERIES**

## **POWER**

8 kW Hybrid Inverter Expandable to 24 kW Single Phase

### **CAPACITY**

8.2 kWh Battery Module Up to 49.2 kWh









# **Key Features**

**All-in-one Design** 

**High Voltage System** 

**UPS Seamless Switch** 

Off-grid Max. 200% Overload, 30s

**Support 3 in Parallel, Dual Power Supply** 

**Wider Range of MPPT Work Voltage** 

Max. 28 Configurable Time Periods\*



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# **SMILE-G3-S8**



Model	SMILE-G3-S8
System Specification	
Battery Chemistry	LFP (LiFePO4)
Nominal Output Power	8000 W
Capacity Range	8.2 ~ 49.2 kWh ( 95% DoD )
Warranty	10 Years
PV Input Technical Specification	
Max PV Input Power	10000 W
Max PV Input Current	15 A / 15 A
Max. PV Input Voltage	580 V
MPPT Number / Max. Input Strings Number per MPPT	2/1
MPPT Voltage Range	100 ~ 550 V
Max. PV Short-Circuit Current	22.5 A / 22.5 A
MPPT Efficiency	>99%
Inverter Technical Specification	
AC Input & Output Data (Grid Side)	
Rated AC Output Power	8000 W
Max. AC Input Power	11500 W
Rated Frequency	50 / 60 Hz
Rated Voltage	230 V
Grid Voltage Range	150 ~ 287 V
Backup Output Data Rated Output Power (Off-grid)	8000 W
Rated Output Voltage (Off-grid)	230 V + 10%
On/Off Grid Switch Time	≥250 V ± 107/8 ≤20ms
Peak Power (Off-grid)	
	8800 W 60s; 16000 W 30s
Max. Continuous AC Passthrough	50 A
Rated Output Current ( off-grid )	34.8 A
General Specification Dimension (W x D x H)	610 x 212 x 366 mm
	19.5 kg
Weight	
Communication	Ethernet / WiFi
Relative Humidity	0 ~ 90% ( Non-Condensing )
Operation Temperature	-25 ~ 60°C
Noise	<35 dB
Over Voltage Category	DC Type III / AC Type II
Ingress Protection(IP) Rating	IP 65
Operation Altitude	3000 m
Safety	IEC62109-1/-2, IEC62477, IEC62040-1
EMC	IEC61000-6-1/-2/-3/-4
Grid Regulation	AS 4777.2, NRS 097, VDE 4105, EN 50549, CEI 0-21
Battery Technical Specification	
Module Mode	SMILE-G3-BAT-8.2P
Module Capacity	8.2 kWh
Usable Capacity	7.8 kWh
Depth of Discharge (DoD)	95 %*
Nominal Voltage	256 V
Max. Charging / Discharging Current	32 A**
Operating Temperature Range	-10°C ~ 50°C***
Battery Modules Connection	1 ~ 6 in parallel
Dimension (W x D x H)	610 x 212 x 793 mm
Weight	78.3 kg
Ingress Protection(IP) Rating	IP 21



<sup>\*</sup> Test Condition: Max 0.5 C charge&discharge at 25±2 C \*\* Support 32 A long-term work, support 40 A work for 30min

<sup>\*\*\*</sup> Max. charge/discharge current derating will occur related to temperature and SOC...





# **SMILE-G3-T15**

## **RESIDENTIAL SERIES**

## **POWER**

15 kW Hybrid Inverter Three Phase

## **CAPACITY**

8.2 kWh Battery Module Up to 49.2 kWh









### **KEY FEATURES**

**All-in-One Design** 

**High Voltage System** 

**UPS Seamless Switch** 

Off-grid Max. 150% Overload, 10S

**Three Phase Unbalance** 

**Support Dual Power Supply (Grid & Generator)** 

**3 MPPTs of PV Input** 

**Max. 28 Configurable Time Periods\*** 



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# SMILE-G3-T15



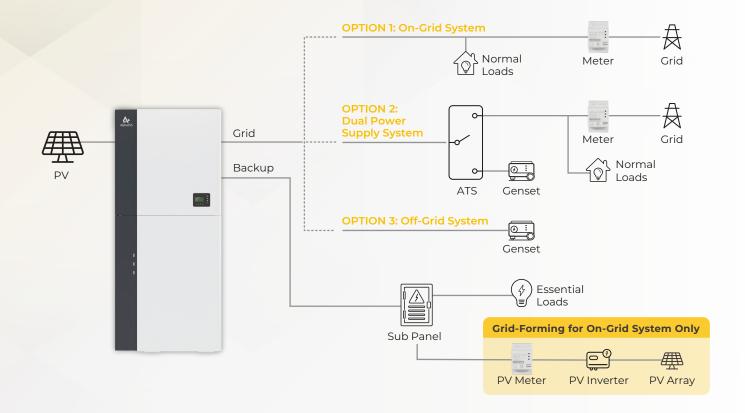
Model	SMILE-G3-T15
System Specfications	
Battery Chemistry	LFP (LiFePO4)
Nominal Output Power	15000 W
Capacity Range	8.2 ~ 49.2 kWh (95% DoD)
Warranty	10 years
PV Input Specifications	
Max. PV Input Power	30000 W
Max. PV Input Current	18 A / 18 A / 18 A
Rated PV Voltage	700 V
Max. PV Short-Circuit Current	22.5 A
MPPT Number / Max. Input Strings Number per MPPT	3/1
MPPT Voltage Range	200 ~ 850 V
MPPT Efficiency	>99.9%
Inverter Specifications	
AC Input & Output Data (Grid Side)	
Rated AC Output Power	15000 W
Max. AC Output Power	16500 W
Max. AC Input Power	20000 W
Rated Output Frequency (On-grid)	50 / 60 Hz
Rated Output Voltage (On-grid)	230 V / 400 V
Grid Voltage Range  Backup Output Data	180 ~ 270V
Rated Output Power (Off-grid)	15000 W
Rated Output Voltage (Off-grid)	230 V ± 10%
On / Off Grid Switch Time	≤20ms
	110% continuous ; 120% 10min ; 150% 10s
Peak Power (On-drid)	11070 CONTINUOUS . 12070 10111111 . 13070 105
Peak Power (Off-grid)  General Specifications	110% CONTRIBUOUS, 120% TOTAINT, 150% TOS
General Specifications Dimensions (W x D x H)	610 x 250 x 600 mm
General Specifications	
General Specifications Dimensions (W x D x H)	610 x 250 x 600 mm
General Specifications Dimensions (W x D x H) Weight	610 x 250 x 600 mm 38 kg
General Specifications Dimensions (W x D x H) Weight Operation Altitude	610 x 250 x 600 mm 38 kg 4000 m
General Specifications Dimensions (W x D x H) Weight Operation Altitude Noise Operation Humidity Type Of Cooling	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling
General Specifications Dimensions (W x D x H) Weight Operation Altitude Noise Operation Humidity Type Of Cooling Operation Temperature	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65
General Specifications Dimensions (W x D x H) Weight Operation Altitude Noise Operation Humidity Type Of Cooling Operation Temperature	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection;  Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Crid Regulation	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection;  Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477
General Specifications Dimensions (W x D x H) Weight Operation Altitude Noise Operation Humidity Type Of Cooling Operation Temperature Ingress Protection(IP) Rating Over Voltage Category Integrated Protection Safety EMC Grid Regulation Battery Technical Specifications Module Model	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications  Module Model  Module Capacity  Usable Capacity	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1  SMILE-G3-BAT-8.2P  8.2 kWh  7.8 kWh
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications  Module Model  Module Capacity  Usable Capacity  Depth of Discharge (DoD)	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1  SMILE-G3-BAT-8.2P  8.2 kWh
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications  Module Model  Module Capacity  Usable Capacity  Depth of Discharge (DoD)  Nominal Voltage	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1  SMILE-G3-BAT-8.2P  8.2 kWh  7.8 kWh  95%*
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications  Module Model  Module Capacity  Usable Capacity  Depth of Discharge (DoD)	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1  SMILE-G3-BAT-8.2P  8.2 kWh  7.8 kWh  95%*  256 V
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications  Module Model  Module Capacity  Usable Capacity  Depth of Discharge (DoD)  Nominal Voltage  Max. Charging / Discharging Current  Operating Temperature Range	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1  SMILE-G3-BAT-8.2P  8.2 kWh  7.8 kWh  95%*  256 V  32 A  -10 °C ~ 55 °C**
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications  Module Model  Module Capacity  Usable Capacity  Depth of Discharge (DoD)  Nominal Voltage  Max. Charging / Discharging Current  Operating Temperature Range  Battery Modules Connection	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1  SMILE-G3-BAT-8.2P  8.2 kWh  7.8 kWh  95%*  256 V  32 A  -10 °C ~ 55 °C**  1 ~ 6 in Parallel
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications  Module Model  Module Capacity  Usable Capacity  Usable Capacity  Depth of Discharge (DoD)  Nominal Voltage  Max. Charging / Discharging Current  Operating Temperature Range  Battery Modules Connection  Ingress Protection(IP) Rating	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1  SMILE-G3-BAT-8.2P  8.2 kWh  7.8 kWh  95%*  256 V  32 A  -10 °C ~ 55 °C**  1 ~ 6 in Parallel  IP21
General Specifications  Dimensions (W x D x H)  Weight  Operation Altitude  Noise  Operation Humidity  Type Of Cooling  Operation Temperature  Ingress Protection(IP) Rating  Over Voltage Category  Integrated Protection  Safety EMC  Grid Regulation  Battery Technical Specifications  Module Model  Module Capacity  Usable Capacity  Depth of Discharge (DoD)  Nominal Voltage  Max. Charging / Discharging Current  Operating Temperature Range  Battery Modules Connection	610 x 250 x 600 mm  38 kg  4000 m  50 dB  0 - 90% (No condensation)  Intelligent air cooling  -25 °C ~ 60 °C  IP 65  DC Type II / AC Type II  Anti-islanding protection; PV input reverse connection protection; Output over-voltage protection;Integral insulation impedance protection; Leakage current current protection; Output short circuit protection  IEC62109-1/-2; IEC62040-1; IEC62477  VDE4105; EN 50549; NRS 097-2-1  SMILE-G3-BAT-8.2P  8.2 kWh  7.8 kWh  95%*  256 V  32 A  -10 °C ~ 55 °C**  1 ~ 6 in Parallel



<sup>\*</sup> Test condition: Max. 0.5C charge/discharge at 25±2°C.
\*\* Max. charge/discharge current derating may occur with changes in temperature and SoC.

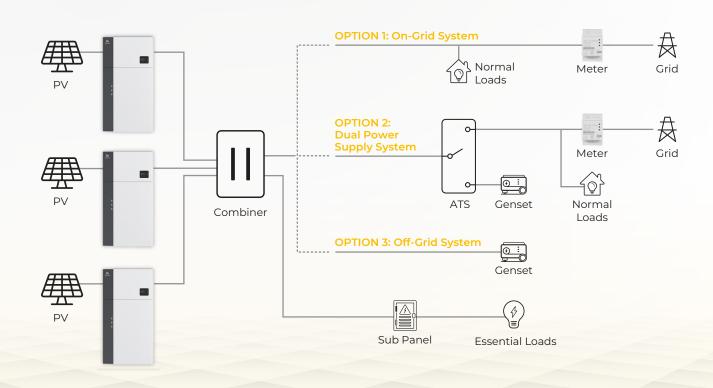


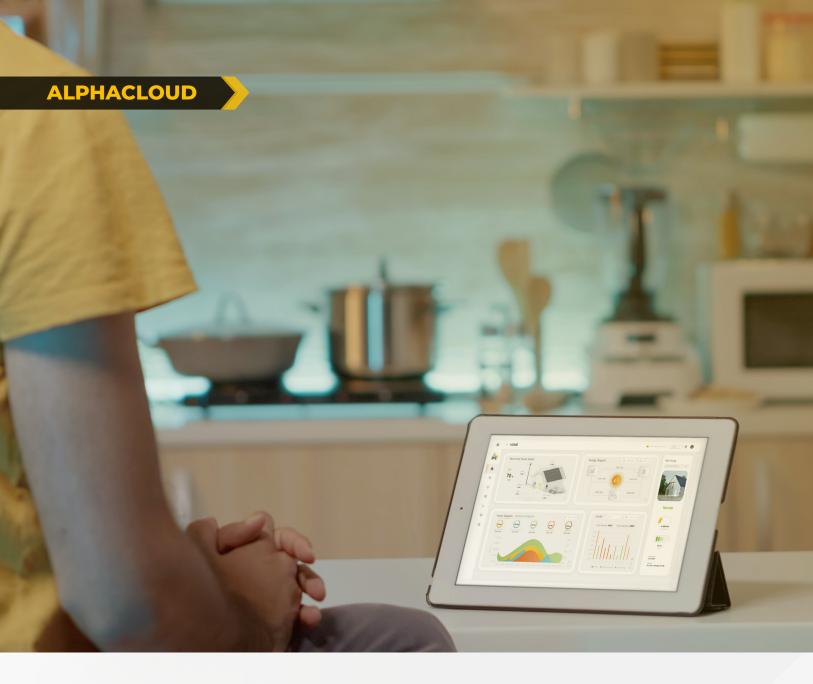
# **HYBRID ENERGY STORAGE SYSTEM SOLUTION**



# **PARALLEL HYBRID ENERGY SOLUTION**

(SMILE G3-S5 / S8 ONLY)







The AlphaCloud App is available for download on iOS and Android devices.





Web Link: https://cloud.alphaess.com/

- Max. 28 Configurable Time Periods\*
- ♠ Smart Anti-Theft Lock
- Lease Control Mode\*\*

- Remote One-Click Restart
- 3-level Software Protection
- 24/7 Remote Monitoring & Control

<sup>\*</sup>Take control of your power usage with configurable charging and discharging schedules, offering up to 6 time periods daily or 4 time periods\*7 days weekly.

<sup>\*\*</sup>This function is only available to installers.

### To Our Partners in South Africa:

AlphaESS first launched its products into the South African market in 2018. Following years of success as a supplier to the growing demand for reliable energy storage systems, AlphaESS developed a range of systems specifically designed to meet the unique demands of the South African market. During this development time, a need for localized support was identified in order to better assist South African clients, and because of this, AlphaESS South Africa was established as a registered sub-company of Alpha ESS Co., Ltd. in China.

AlphaESS South Africa established its head office in Johannesburg with a growing national footprint to provide clients with unparalleled levels of support directly from the manufacturer.



Jacques Hattingh
CEO of AlphaESS South Africa

"Our mission is to become the service benchmark of Southern Africa by providing the best energy storage initiatives through our accredited partner network."





AlphaESS is one of the world-leading green energy storage solution and service providers. The company has specialized in residential and commercial energy storage applications for 12 years, delivering pre-eminent products and fit-for-purpose solutions. With 30+ subsidiaries and branches around the globe, AlphaESS provides local services and supports 100,000+ systems actively running in over 90+ countries.



2022 & 2023 TOP 1 Australia Market Share from SunWiz







iF & Reddot & G-Mark Design Award



2023 H1 TOP 5 Residential **ESS Providerin Germany** from EUPD Research



TOP BRAND PV (STORAGE)



2021 TOP 6 Supplier of Global Residential ESS from IHS Markit





ESG Transparency Award & GlocalIN Top50



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