

● YOUR
● SMART
● ENERGY



SMILE5

RESIDENTIAL SERIES

CAPACITY ▶

10.3 kWh modular
expandable to 62.1 kWh



5kW single phase hybrid inverter

Fast response

UPS ability

24/7 Monitoring

- S**elf sufficient
- M**odular battery
- I**ntelligent control
- L**ong lifespan
- E**ssential load protected
- 5** kW system

SMILE5



Model	SMILE5
System Specification	
Nominal Output Power	5000 W / 4600 W (DE)
Capacity Range	10.3 ~ 62.1 kWh (90% DoD)
Usable Capacity Range	9.3 ~ 55.8 kWh
Battery Chemistry	LFP (LiFePO4)
IP Protection	IP21 (Indoor) / IP65 (Outdoor)
Warranty	5 Year Product Warranty, 10 Year Battery Warranty

Inverter Technical Specification			
Model	SMILE5-INV	Rated Frequency	50 / 60 Hz
Max. PV Input Power	2 x 3300 W	Phase	Single-Phase
Max. PV Input Current	2 x 12 A	Backup	UPS
Max. PV Input Voltage	580 V	Display	LCD
MPPT Number	2	Communication	Ethernet
MPPT Voltage Range	125 ~ 550 V	Start Up DC Voltage	125 V
Max. PV Short-circuit Current	2 x 15 A	Humidity	15% ~ 85% (No Condensing)
Max. Charging/Discharging Current	100 A	Dimension (W x D x H)	610 x 236 x 615 mm
Max. Charging/Discharging Power	5000 W	Weight	60 kg
Rated Voltage	230 V	Safety	IEC 62109-1&-2, IEC 62477-1, IEC 62040.1.1, IEC 62116
Grid Voltage Range	180 ~ 270 V	EMC	EN 61000-6-1/2/3/4
Grid Regulation	VDE-AR-N 4105, VDE 0126-1-1, AS 4777.2/3, CEI 0-21, G99-1, G100, RD 1699, NRS 097-2-1, TOR D4		

Battery Technical Specification	
Module Model	SMILE-BAT-10.3P
Module Capacity	10.3 kWh
Module Nominal Voltage	51.2 V
Operating Temperature Range	-10 °C ~ 50 °C*
Max. Modules in Parallel	6
Max. Charging/Discharging Current	100 A (0.5C)
Cycle Life	8000

* When the temperature is below 0 °C or above 40 °C, the performance will be limited.



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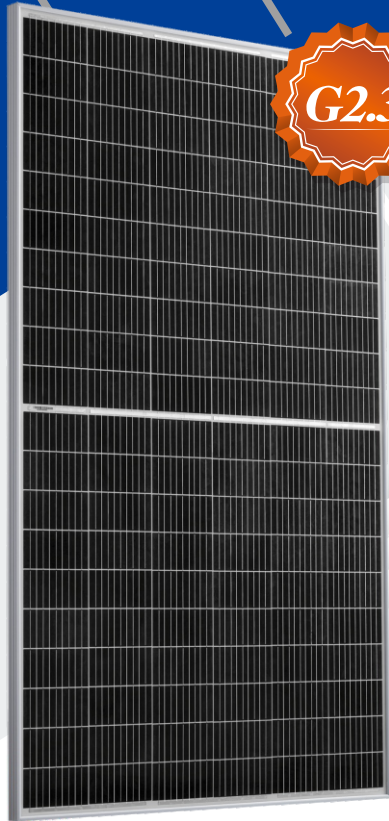
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Jäger Plus

HIGH PERFORMANCE
MONOCRYSTALLINE PERC MODULE












G2.3

RSM120-6-330M-350M

120 CELL Mono PERC Module	330-350Wp Power Output Range
1500VDC Maximum System Voltage	20.8% Maximum Efficiency

KEY SALIENT FEATURES

-  Global, Tier 1 bankable brand, with independently certified state-of-the-art automated manufacturing
-  Industry leading lowest thermal co-efficient of power
-  15 years product warranty for rooftop mounted PV system
-  Excellent low irradiance performance
-  Excellent PID resistance
-  Positive tight power tolerance
-  Dual stage 100% EL Inspection warranting defect-free product
-  Module Imp binning radically reduces string mismatch losses
-  Warranted reliability and stringent quality assurances well beyond certified requirements
-  Certified to withstand severe environmental conditions
 - ◆ Anti-reflective & anti-soiling surface minimise power loss from dirt and dust
 - ◆ Severe salt mist, ammonia & blown sand resistance, for seaside, farm and desert environments
 - ◆ Excellent mechanical load 2400Pa & snow load 5400Pa resistance



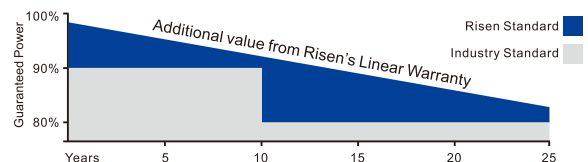
RISEN ENERGY CO., LTD.

Risen Energy is a leading, global tier 1 manufacturer of high-performance solar photovoltaic products and provider of total business solutions for residential, commercial and utility-scale power generation. The company, founded in 1986, and publicly listed in 2010, compels value generation for its chosen global customers. Techno-commercial innovation, underpinned by consummate quality and support, encircle Risen Energy's total Solar PV business solutions which are among the most powerful and cost-effective in the industry. With local market presence and strong financial bankability status, we are committed, and able, to building strategic, mutually beneficial collaborations with our partners, as together we capitalise on the rising value of green energy.

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LINEAR PERFORMANCE WARRANTY

15 year Product Warranty / 25 year Linear Power Warranty



Applies to rooftop market in Australia only.

