

CERTIFICATE

of conformity

This certifies that below described products of the applicant:

Power Genius GmbH

Wallbergstr. 3, 82024, Taufkirchen, Germany

comply to the essential requirements of the following standards:

Product(s): Rechargeable Li-ion Battery

Model type(s): PG-2000A, SFA1800, PG-2000B, PFA2000

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this document may use it in connection with the related test report(s)

Certification program: P31-VA-01 Rev. 03 / 02.25

Certification fundamental(s): IEC 62619:2022

Registered no.: 44 799 25 406749 - 245

Report no.: 492013922.001

File no.: PVP02014/25E-004

A handwritten signature in blue ink, reading "Alan Zhang".

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Certification Body
Energy Storage System

Essen, 2025-08-28

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Description of product(s):

Product information	Rechargeable Li-ion Battery	Rechargeable Li-ion Battery
Model	PG-2000A	SFA1800
Battery side		
Nominal capacity	280Ah	280Ah
Nominal voltage	6.4V	6.4V
Maximum Charge Current	140A	140A
Maximum Discharge Current	270A	270A
Maximum Charge Voltage	6.9V	6.9V
Cut-off Voltage	5.0V	5.0V
Upper charge temperature	55°C	55°C
Lower charge temperature	-20°C	-20°C
Upper discharge temperature	55°C	55°C
Lower discharge temperature	-20°C	-20°C
Storage temperature range	-30°C ~ 60°C	-30°C ~ 60°C
PV side		
Max. PV Input Voltage	60V	/
MPPT Voltage Range	15V-55V	/
Max. PV Input Current	4*16A	/



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Isc	4*20A	/
AC side		
AC Normal Voltage	230V; L+N+PE	/
AC Normal Frequency	50Hz	/
Max. AC Input/Output Current	10.5A/3.5A	/
Max. AC Input/Output Power	2400W/800W	/
System		
Nominal mass	21.5±0.5kg	19.0±0.5kg
External dimensions (W*H*D)	(425±1)mm×(260±1)mm×(195±1)mm	(425±1)mm×(260±1)mm×(195±1)mm

Product information	Rechargeable Li-ion Battery	Rechargeable Li-ion Battery
Model	PG-2000B	PFA2000
Battery side		
Nominal capacity	314Ah	314Ah
Nominal voltage	6.4V	6.4V
Maximum Charge Current	157A	157A
Maximum Discharge Current	270A	270A
Maximum Charge Voltage	6.9V	6.9V



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Cut-off Voltage	5.0V	5.0V
Upper charge temperature	55°C	55°C
Lower charge temperature	-20°C	-20°C
Upper discharge temperature	55°C	55°C
Lower discharge temperature	-20°C	-20°C
Storage temperature range	-30°C ~ 60°C	-30°C ~ 60°C
PV side		
Max. PV Input Voltage	60V	/
MPPT Voltage Range	15V-55V	/
Max. PV Input Current	4*16A	/
Isc	4*20A	/
AC side		
AC Normal Voltage	230V; L+N+PE	/
AC Normal Frequency	50Hz	/
Max. AC Input/Output Current	10.5A/3.5A	/
Max. AC Input/Output Power	2400W/800W	/
System		
Nominal mass	22.0±0.5kg	20.0±0.5kg



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External dimensions (W*H*D)	(425±1)mm×(260±1)mm×(195±1)mm	(425±1)mm×(260±1)mm×(195±1)mm
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Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in the associated report.

A handwritten signature in blue ink, reading "Silke Zhang".

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