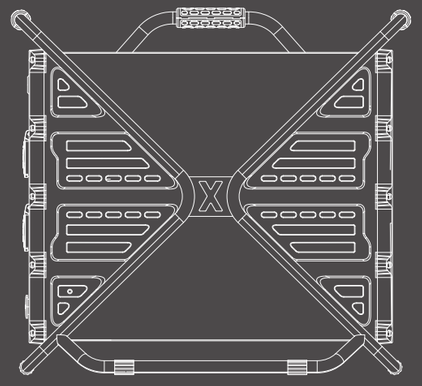
The size and specifications of this product are subject to change due to ongoing upgrades by us.
Please refer to the latest information, as this information may change without prior notice.



Power Your Projects with Reliable, Uninterrupted Energy — Built for Municipal Engineering, Construction, Tunnels, and Renovations.



ISO OERLIKON

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PowerGiant App

PowerGiant 3600 | **High-Performance Industrial Portable Battery Generator**

PG3600 Honor

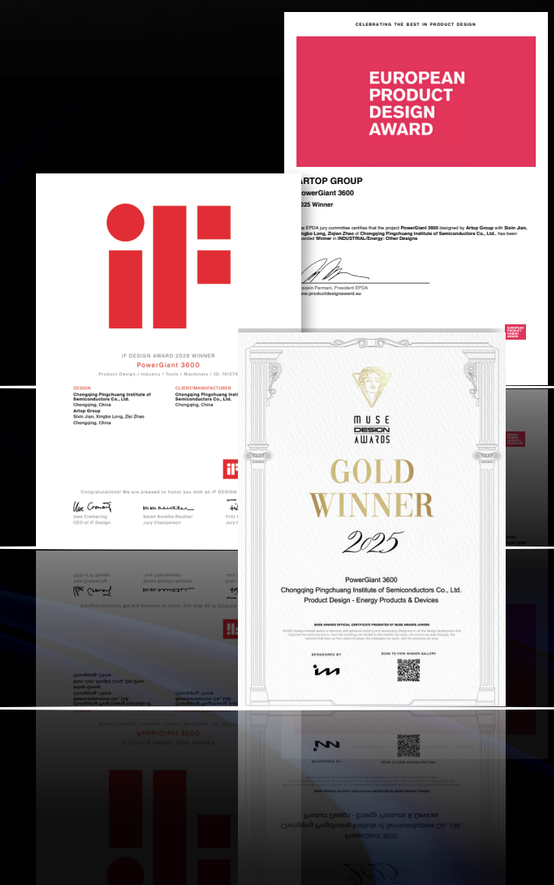


reddot winner 2026

EUROPEAN PRODUCT DESIGN AWARD **2025**

iF DESIGN AWARD **2026**

MUSE DESIGN AWARD **2025**





UN38.3 RoHS REACH

*For the latest product certifications, please contact PINGALAX or your authorized distributor.

Product Features



3600W
Rated Power

20000W
Peak Power

2.3h
Charging Time

>97%
Efficiency

2.3kWh
Rated Capacity

IP54
High Protection Level

0 noise
Operating sound <30dB

24kg
Weight

Intelligent APP

Advanced Power Electronics Technology
Using self-developed chips
Inside Psemic

Firmware Upgrade
Bluetooth Transmission with Intelligent O&M

Modular Metal Structure Design
Robust protection, drop

Intelligent Interaction
Integrated with the PowerGiant App

User-centric Design
Portable and easy to operate

Scenarios



- Decoration
- Municipal maintenance
- Fire emergency
- Film production
- Tunnel operations
- Mining operations
- Survey and exploration
- Constructions
- Night market
- Garden Scene

Application Samples

3kW Arc Welder

230 V, Ø2.5 mm electrodes:
45–55 welds

230 V, Ø3.2 mm electrodes:
35–45 welds

3.2kW Core Drill

Up to **11 holes**
(Ø150 mm × depth 150 mm)

1.4kW Drill

230 V, up to **243 holes**
(Ø35 mm × depth 10 mm)

2.7kW Cutting Saw

Up to **41 cuts** on
Ø110 mm cast-iron pipes

2.2kW Demolition Hammer

Breaks up to **8.2 tons** of
concrete slabs

Industrial Vacuum Cleaner

Suction capacity:
8,500 liters

2.3kW Pump

Maximum delivery: **50,000 liters**
(Flow rate: 780 L/min;
Operating time: 64 minutes)

Specification

Basic Parameters	
Product Model	PHS3600P
Net Weight	23.8kg/52.47lb
Dimensions(LxWxH)	526x211x485mm
Capacity	2304Wh
Protection Rating	IP54
Cooling Method	Natural Cooling
Operating Altitude	2000 meters
Indicator	10 - level battery indicator
Standards	IEC/EN 62477-1, IEC62619, IEC 60730 Annex H, UN38.3, EN 61000-6-1/-2/-3/-4, EN 301489-1/-17 EN 300328 EN 62479, AS/NZS 62368-1
Output Specification	
Rated Output Voltage	230V, Pure sine wave
Rated Output Voltage Range	230±5VAC
Rated Output Frequency	50/60Hz
Rated Output Power	3,600W
Peak Power	20000W
150% Overload	4000W~5400W, >500s
200% Overload	5400W~7200W, >50s
250% Overload	7200W~9000W, >10s
Other Load	>9000W, >1s
Rated Output Current	16A(Peak 140A)
Standby Power Consumption	≤30W
Input Specification	
Rated Input Voltage	230VAC
Rated Input Voltage Range	176~264VAC
Input Frequency Range	45~65Hz
Max. Input Power	1200W
Rated Input Current	6A (Max. Input Current 8A)
Operating Conditions	
Operating Temperature	Charge at 5 to 40℃, Discharge at -15℃ to 55℃
Storage Temperature	-20℃ to 60℃ (1 month); -20℃ to 45℃ (3 months)
Operating Humidity	10~90% RH
Storage Humidity	5~95% RH

PG3600-RCD High-Performance Industrial Portable Battery Generator

Enhanced Protection, Double Safety



Instant Cutoff on Leakage

Millisecond response to eliminate leakage hazards.

Superior Anti-Shock Safety

All-round protection to ensure personal safety.

Fire Prevention for Equipment

Isolate fault risks and safeguard equipment integrity.

Specification

Basic Specification	
Model	PHS3600M Series
Net Weight	25kg
Dimensions(LxWxH)	550x206x485mm
Capacity	2304Wh
Protection Rating	IP65
Cooling Method	Natural Cooling
Operating Altitude	2,000 Meters
Indicator	10-Level Battery Indicator
Standards	IEC/EN 62477-1, IEC62619, IEC 60730 Annex H, UN38.3, EN 61000-6-1/-2/-3/-4, EN 301489-1/-17 EN 300328 EN 62479, AS/NZS 62368-1
Output Specification	
Output Socket	1x CEE 3-Pole 6h 16 A
Rated Output Voltage	230VAC, Pure Sine Wave
Output Frequency	50/60Hz
Rated Output Power	3600W
150% Overload	4000W~5400W,>500s
200% Overload	5400W~7200W,>50s
250% Overload	7200W~9000W,>10s
Other Load	>9000W,>1s
Peak power	20kW
Output Peak Current	140A (Max Instantaneous)
Standby Power Consumption	≤30W
Input Specification	
Overvoltage level	OVC II
Rated Input Voltage	230VAC
Input Frequency Range	45~65Hz
Max. Input Power	1200W
Rated input current	6A
Operating Conditions	
Operating Temperature	Charge 5℃~40℃, discharge -15℃~55℃
Storage Temperature	-20℃~50℃
Operating Humidity	10~90%RH
Protection Level	Class I

PG3600-LINK

Portable Three Phase Station

3 units in group
400V/10.8kW rated output,
54kW peak power.

Uninterrupted Power Supply

Single-phase output with 20ms seamless
During operation, the equipment does not stop and the work continues uninterrupted.



Expandable Battery Capacity

Single unit: 2304Wh battery capacity.
3 units in parallel: 6912Wh total.
Capacity expands flexibly with application

Silent Anywhere Access

Zero noise, zero emissions.
IP54 rated, -15~70 ℃ operating temperature.
Covers all no-go zones for diesel generators.

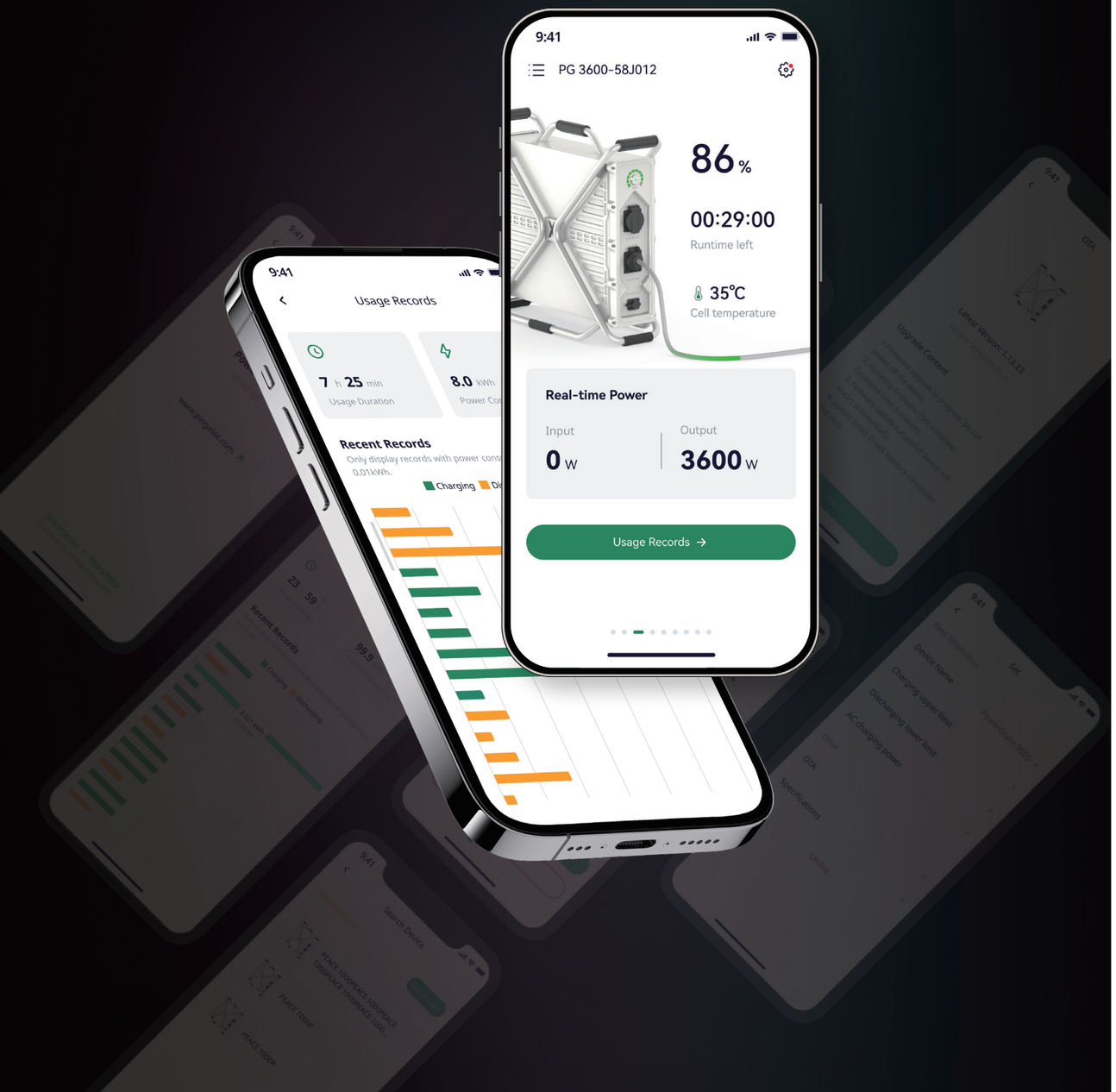


Specification

Product Specification		
Product Model	PHB3600P	
AC Input	3x 230V Input Ports	
AC Signal Output	3x 30V output Ports	
AC Power Output	2 ports, 1x Three-phase Output Port(CEE 5-pole 16A), 1x Single-phase Output Port(CEE 3-pole 16A)	
Indicator	6 Indicator LEDs(3x Inputs,2x Outputs,1x Switch)	
Control Switch	1 Three-Position Rotary Switch (Single-phase/Three-phase/Standby)	
AC Input Specification		
Rated Input Voltage	230VAC	
Input Voltage Range	230±5VAC	
Rated Input Current	16A	
Rated Input Power	3600W	
Input Frequency Range	50/60±0.5Hz	
AC Output Specification		
Work Mode	Single-phase Mode	Three-phase Mode
Rated Output Voltage	230VAC	400VAC
Output Voltage Range	230±5VAC	400±40VAC
Rated Output Power	3.6kW	10.8kW
Max. Output Power	20kW	60kW
Output Frequency Range	50/60±0.5Hz	50/60±0.5Hz
Phase Imbalance	/	<7%
Standby Power Consumption	≤10W	≤10W
Switching Period	≤20ms	/
Discharge Operating Temperature	-15~ + 70℃	-15~ + 70℃
Other Specification		
Dimensions(LxWxH)	378x378x276mm	
Weight	<6.5kg	
Levels of Protection	Class II	
Protection Rating	IP54	
Fire-proof Rating	V0	
Material Certification	RoHS/REACH	
Operating Temperature	-15℃-40℃	
Storage Temperature	-20-60℃	
Operating Humidity	10-90% RH	
Storage Humidity	5-95% RH	
Cooling Method	Natural Cooling	
Operating Altitude	≤2000 m	
Lifecycle	40000 Times	
Standards	EN IEC 61000-6-2:2019; EN IEC 61000-6-4:2019 IEC/EN 62477-1: 2012 ; EN300328 V2.2.2:2019; EN301489-1 V2.2.3:2019; EN301489-17 V3.3.1:2024; EN 62479:2010;	

Digital Intelligent Monitoring App

The PowerGiant App is an intelligent monitoring application for Portable Battery Generators. By connecting to devices via Bluetooth, users can easily monitor operating data and adjust system parameters in real time.



Real-time Status Monitoring

Collect and display real-time operating data, including input/output power, cell temperature, and remaining battery capacity.

01

02

Data Dashboard

Get 100 historical charging/discharging records.

Fault Alerts

Get instant alerts for device issues, with detailed information on fault types and recommended solutions.

03

04

Remote Settings

Support remote adjustment of charging power and other parameters to achieve non-contact management.

Scan to download PowerGiant App