

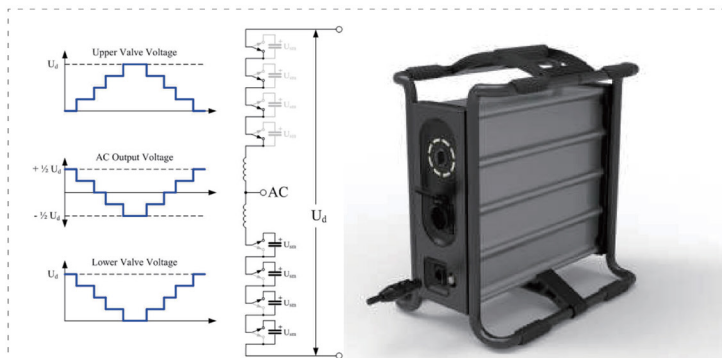
Battery Generator with Patented DirectSine® Solution

Mobile Energy Storage Station

Technology Solution

Stacked Micro-Inverters at Cell-Level with AC Low-Voltage

- No Heatsink No Fan Design with Small Scale Power
- Conveniently to Split-Phase and 3-Phase System



Main Features

- All-In-One Integrated Cell, PCS, BMS and EMS
- AC-Side in Redundant Series of Micro-Inverters
- Power and Control Circuit at Cell-Level
- Predictive Control and Active Balancing
- IoT Monitoring and GPS

Unique Advantages

- Super Safety
- Extreme Reliability
- 99% Conversion Efficiency
- More Intelligence
- 500% Peak Output

Core Benefits

- Long Lifetime
- Collision-Resistant
- Silent 10dB(A)
- Waterproof IP65
- Lightweight 25kg

Application Fields

Outdoor Power Tools

Film Production and Media Events

Emergency Services nergency Services

Street Vendor

Application to Power Tools



CUT-OFF SAW-2700W
38 cuts on cast iron pipe 110mm



ARC WELDING MACHINE -2700W
Up to 89 electrodes 2,5mm



HIGH PRESSURE WASHER -3000W
60sqm cleaned area



JACKHAMMER-2,200 W
Demolished 150mm / 7.5t of concrete slabs



CONCRETE MIXER-600W
~11.5t of concrete
180l barrel



CIRCULAR SAW-3000W
~4,100 cuts
50 x 100mm Lumber



DIAMOND CORE DRILL-3300W
~32 holes in concrete
150mm core drill bit/150mm deep



MAGNET BASE DRILL-1400W
~223 holes in stainless steel
35mm drill bit/10mm



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Mobile Energy Storage Station

PRODUCT MODEL	S3600	S3600+	S3600 Pro	
AC INPUT				
Line type	1-phase/L+N+PE			
Nominal voltage	100V/230V			RMS
Voltage range	120V-240V/90V-264V			RMS
Nominal frequency	50Hz-60Hz(Adaptive select)			
Frequency range	40Hz-70Hz			
Power factor	0.99			
AC OUTPUT				
Nominal voltage	1-phase/L+N, 230V±5%			
Nominal frequency	50Hz±0.1%			
Nominal current	16A			RMS
Nominal power	3600W			RMS
150% overload capacity(5400W)	Operation for > 500 seconds			RMS
200% overload capacity(7200W)	Operation for > 50 seconds			RMS
250% overload capacity(9000W)	Operation for > 10 seconds			RMS
500% overload capacity(18000W)	Operation for > 1 seconds			RMS
Maximum short-circuit current	500A			Peak
Maximum standby time	150h			Idle
Output wave	Pure sinewave			
THDV	<3%			Nominal conditions
Bypass voltage	1-phase/L+N, 120V-240V/90V-264V,50Hz-60Hz			Following AC input
Bypass power	3600W	3600W	3600W	RMS
BATTERY				
Nominal capacity	2592Wh	2592Wh	2592Wh	
Battery cells	Base-NMC 5Ah	BPlus-LFP 5Ah	Pro-SS 5Ah	
Charging power	750-1500W	750-1500W	750-1500W	RMS
Charging time	<2.5h to 100%			Nominal conditions...
Battery warranty	10 years at least 80% SOH			
GENERAL PARAMETERS				
All-In-One	Integrated inverter,BMS and EMS function			
Conversion efficiency	99%			
Standby power consumption	<2W			RMS
Units paralleling number	9units			
Electric protection	OCP,short-circuit,OVP,UVP,lighting,battery OC etc.			
Protection class	Class II /Double-insulated			According to IEC 61440
Display	LEDs			
Communication	Modbus RTU			
Net weight	22kg	24kg	22kg	
Dimensions(WxHxD)	420x420x210 mm			
Operating temperature	-20℃~55℃ (>40℃Power derating)			
Storage temperature	-40℃~65℃			
Related humidity	20℃~95℃ (Without condensation)			
Altitude	Derating@> 3000m			Refer to IEC 62040
Dust and water protection	IP54/IP65			
Cooling	Natural convection			
Noise emission	<10dB(A)			Silent
Storage period	>3years			
Certificate	CN,DE,AT,CH,FR,BE,PL,UN38.3(Transport)			