



Enhanced Safety

High safety standard LFP battery
DC minimum in parallel technology
improves system safety



Optimized Cost

Full life-cycle quality guarantee
Liquid cooling technology to reduce
battery degradation



More Flexible

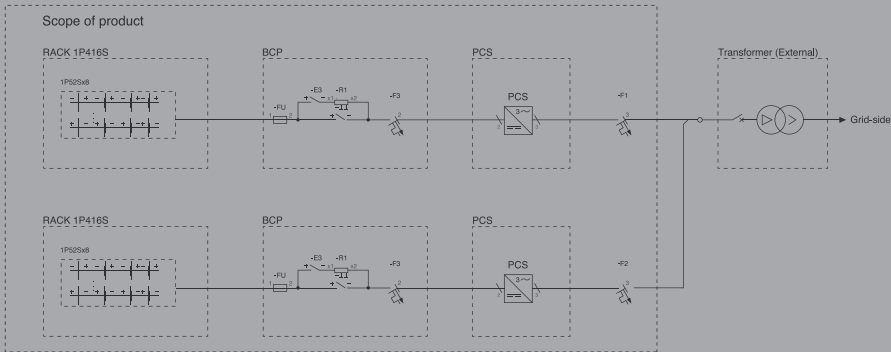
Completely modular design for kW to GW
application
Customized solutions



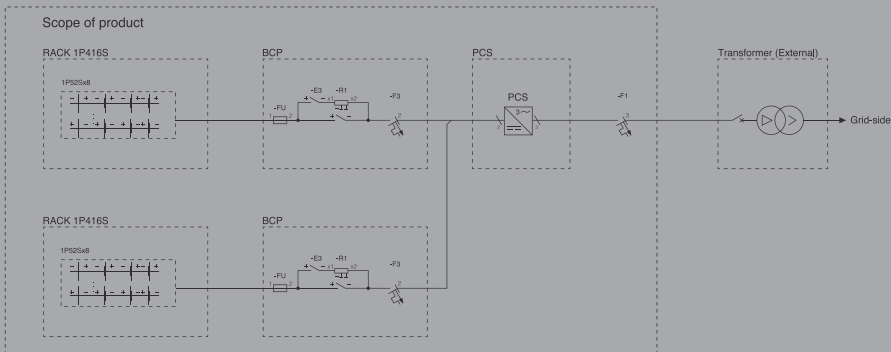
Grid Forming

Grid forming BESS for
weak grid/micro-grid/off-grid VRE & IBR
penetration expert

GoldBlock L700Pro(2h)



GoldBlock L700ProQ(4h)



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GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.

www.goldwind.com
Corporate_Comms@goldwind.com



GoldBlock L700

GoldBlock L700

Model	GoldBlock L700Pro	GoldBlock L700ProQ
PCS inverter	Embedded string inverter	Embedded string inverter
Rated AC output power [kW]	365	183
Rated AC voltage [VAC]	690	690
AC voltage range [VAC]	621 to 759	621 to 759
Rated DC voltage [VDC]	1331.2	1331.2
DC voltage range [VDC]	1164.8 to 1497.6	1164.8 to 1497.6
Rated duration of discharge [h]	2	4
Cell installed DC energy [kWh]	745	745
Battery type	LFP (LiFePO ₄)	LFP (LiFePO ₄)
Battery capacity [Ah]	280	280
Cooling	Liquid cooling	Liquid cooling
Noise [dB]	≤75	≤75
Explosion prevention	Gas detection & alarm+fail-safe active & passive ventilation system	Gas detection & alarm+fail-safe active & passive ventilation system
Fire suppression	Optional water spray & Aerosol	Optional water spray & Aerosol
Protection level [IP]	IP67 (battery pack) IP55 (cabinet)	IP67 (battery pack) IP55 (cabinet)
Operation temperature	-30°C~55°C (derating above 45°C or below -15°C)	-30°C~55°C (derating above 45°C or below -15°C)
Operation humidity	5~100% No condensation	5~100% No condensation
Altitude [m]	Maximum 3000 (>2000 derating)	Maximum 3000 (>2000 derating)
Communication port	RS485 / Ethernet / CAN	RS485 / Ethernet / CAN
Communication protocol	MODBUS-RTU / MODBUS-TCP / CAN / EtherCat	MODBUS-RTU / MODBUS-TCP / CAN / EtherCat
Dimensions [WxDxH mm]	2350x1600x2450	2350x1600x2450
Weight [kg]	7600	7600
Code & Compatibility	UL9540A, UL1973, UN3480, UN38.3 IEC62619, IEC63056,IEC61000-6-2/4, IEC62477-1	UL9540A, UL1973, UN3480, UN38.3 IEC62619, IEC63056,IEC61000-6-2/4, IEC62477-1

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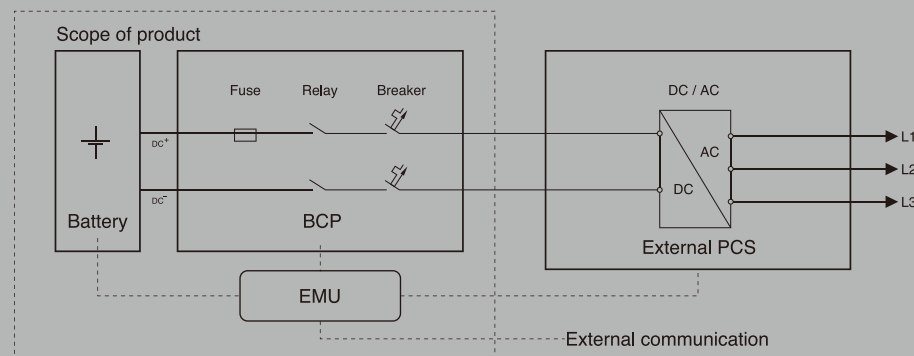
Full life-cycle quality guarantee
Intelligent air-cooling control improves
system temperature consistency



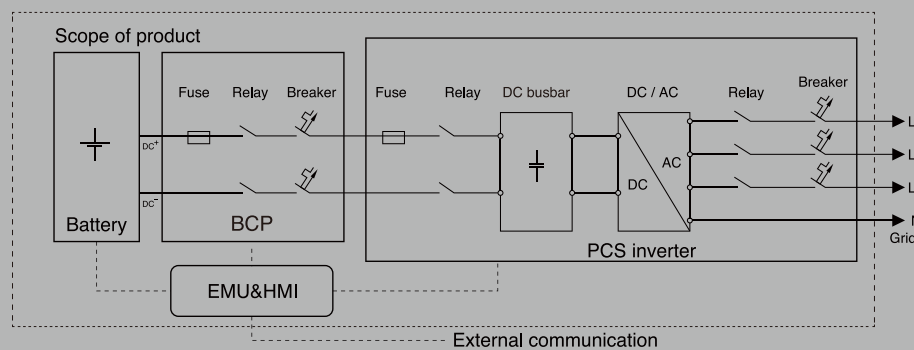
More Flexible

Connection to low-voltage distribution
systems without transformers
Customized solutions

GoldBlock A200ProZ



GoldBlock A200Pro

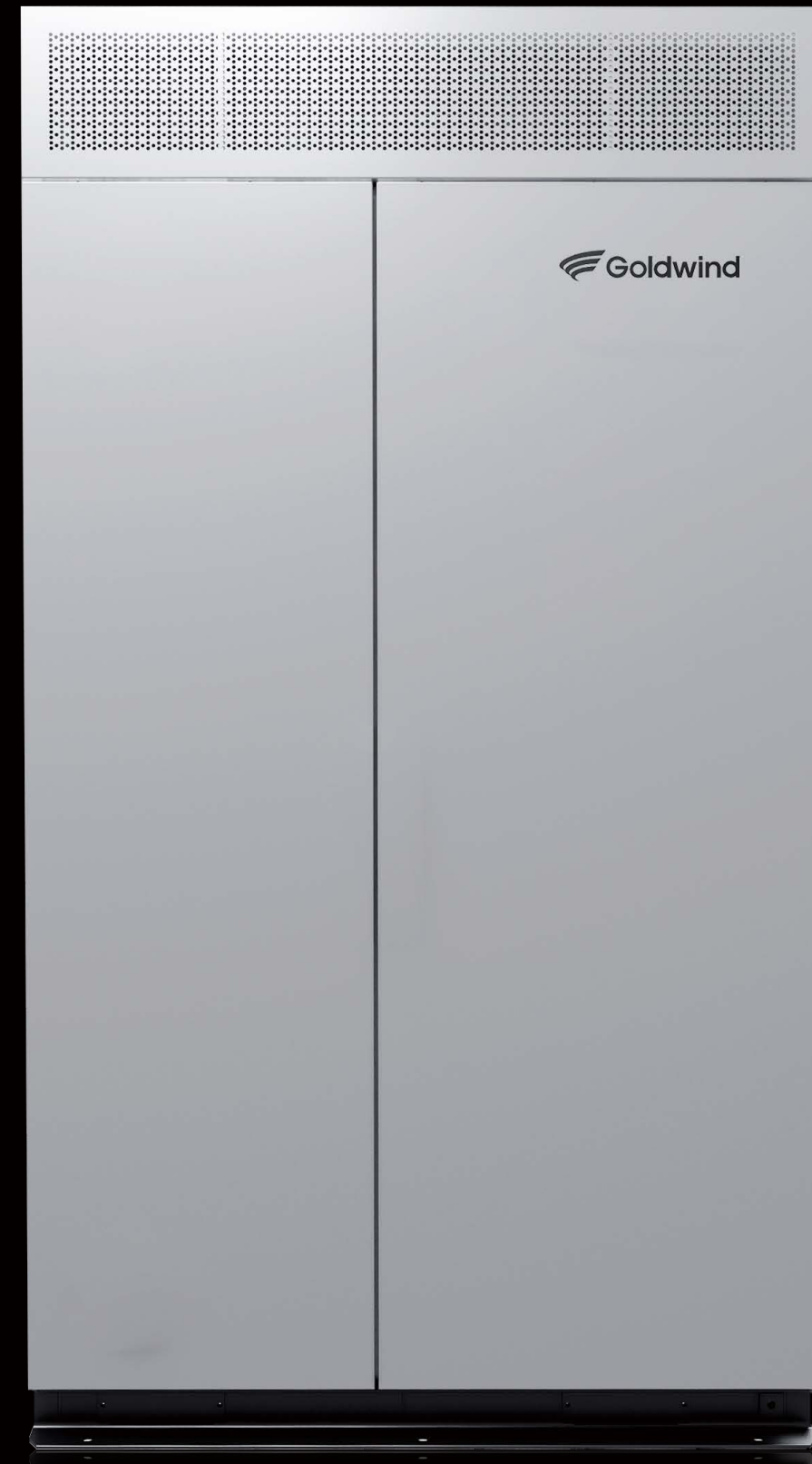


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GoldBlock A200

GoldBlock A200ProZ

Model	GoldBlock A200ProZ	
Rated DC output power [kW]	107.5	100
Rated battery voltage [VDC]	768	716.8
Battery operation voltage [VDC]	672 to 864	627.2 to 806.4
DC wiring type	DC input +/-	
Battery type	LFP (LiFePO ₄)	
Battery capacity [Ah]	280	
Battery string	1P240S	1P224S
Cell installed DC energy [kWh]	215	200.7
Optional fire extinguishing	Flammable gas detection Smoke & Temperature alarm Aerosols	
BESS DC parallel	Up to 10 units*	
PCS inverter	External / Third party*	
Noise [dB]	<71	
Auxiliary input	L+N+PE 230VAC/50Hz	
Cooling	Forced air cooling	
Enclosure protection level	IP55	
Operation temperature & humidity	-30°C to 50°C (derating above 40°C) 5% to 95% No condensation	
Altitude [m]	Maximum 4000 (>2000 derating)	
Communication port	RS485 / Ethernet / Optional: Wi-Fi/4G	
Communication protocol	MODBUS-RTU / MODBUS-TCP / MQTT	
Dimensions [WxDxH mm]	1350x1050x2455	
Weight [kg]	2600	2500
Compatibility	UN38.3 / UN3480 / IEC62619 / IEC63056	IEC 62477-1 / EN IEC61000-6-2(4)

GoldBlock A200Pro

Model	GoldBlock A200Pro	
Rated AC power [kW]	100	
Rated AC apparent power [kVA]	110	
Rated AC voltage [VAC]	400	
AC voltage range	-15% to +10% adjustable	
Rated AC frequency [Hz]	50/60	
AC frequency range	50/60 ±5Hz adjustable	
Maximum AC current [A]	158.8	
AC wiring type	3P+N+PE	
Input THDi	≤3% @ 100% Load	
Load power factor range	-1 to +1	
Inverter efficiency	Maximum 98.5%	
Battery type	LFP (LiFePO ₄)	
Battery cell capacity [Ah]	280	
Battery string	1P240S	
Cell installed DC energy [kWh]	215	
Rated battery voltage [VDC]	768	
Battery operation voltage [VDC]	672 to 864	
Noise [dB]	<71	
Optional Fire extinguishing	Flammable gas detection Smoke &Temperature alarm Aerosols	
Auxiliary input	L+N+PE 230VAC/50Hz	
Cooling	Forced air cooling	
Enclosure protection level	IP55	
Operation temperature & humidity	-30°C to 50°C (derating above 40°C) 5% to 95% No condensation	
Altitude [m]	Maximum 4000 (>2000 derating)	
Communication port	RS485 / Ethernet / Optional: Wi-Fi/4G	
Communication protocol	MODBUS-RTU / MODBUS-TCP / MQTT	
Dimensions [WxDxH mm]	1800x1050x2455	
Weight [kg]	2700	
Compatibility	UN38.3 / UN3480 / IEC62619 / IEC63056	IEC 62477-1 / EN IEC61000-6-2(4)

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