

solaire LD-32-GS



Features



Smart Management

- Remote fault diagnosis, upgrade and maintenance
- User-friendly LCD touchscreen for intuitive and easy interaction



Assured Reliability

- Aerosol fire suppression and CO detector for precise protection
- Reliable feedback-type DC circuit breaker



High Performance

- Max.charging / discharging current: 210 A
- Peak output power 32.1 kW for 3 s



Flexible Adaptability

- Wheel design enables more convenient installation
- Expandable to 16 units in parallel (32.1 ~ 513.6 kWh)

LD32

GENERAL INFORMATION	
Battery model	LD32-GS
Battery type	LFP
Scalability	Max. 16 pcs in parallel
Nominal voltage	1.2 d.c.V
Operating voltage range	42.4 - 57.6 d.c. V
Nominal energy	32.1 kWh
Depth of discharge (DOD)	95%
Usable energy (95% DOD)①	30.5 kWh
Rated charge / discharge power	7.9 kW
Max. charge / discharge power	10.7 kW
Peak output power	32.1 kW, 3s
Recommend charge / discharge current	155 A
Max. charge / discharge current②	210A / 210A
Cycle life (95% DOD)③	>8000 cycles
Dimensions (WxHxD)	560 x 960 x 478 mm
Net weight	241(±1) kg
ENVIRONMENT LIMIT	
Charge temperature	0 - + 55°C
Cooling concept	-20°C- 30°C (12 months) 30°C - 60°C (6 months)
Storage temperature	5 - 95% RH (non-condensing)
Relative humidity	3000 m
Max. operating altitude	Floor mounting
Installation type	IP41
Ingress protection	Indoor
COMMUNICATION	
Display	LCD
Communication interfaces	CAN2.0 / RS485
STANDARD	
Hazardous materials classification	
Transport testing requirement	
Protection class	
Certifications	

① Test conditions: 95% DOD, 0.5C charge & discharge @+25°C

② Current is affected by the number of batteries connected in parallel as well as temperature and SOC

③ Test conditions: 25°C±2°C, 0.5C charge & discharge, 70%EOL