

NEXA Expansion Battery

- Flexible capacity options, 2kWh to 8kWh
- Discharging power up to 3kW even by 2kWh
- Excellent safety of cobalt free LiFePO4 battery
- Stackable design for easy installation
- Long lifespan, 10 years warranty



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Datasheet	NEXA 2.0	NEXA 4.0	NEXA 6.0	NEXA 8.0
System demo				
Battery module	NEXA Expansion Battery (2.0kWh, 51.2V, 20kg)			
Number of modules	1	2	3	4
Energy capacity	2kWh	4kWh	6kWh	8kWh
Max. discharge power	3kW	3kW	3kW	3kW
Max. discharge current	60A	60A	60A	60A
Max. charge power	2kW	2kW	2kW	2kW
Max. charge current	40A	40A	40A	40A
Dimension (W/D/H)	406/235/270mm	406/235/540mm	406/235/810mm	406/235/1080mm
Weight	20kg	40kg	60kg	80kg
General				
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)			
Nominal voltage	51.2V			
IP protection	IP65			
Installation	Floor installation			
Charge/Discharge temperature range*	0°C ~ 55°C /-20°C ~ 55°C			
Features				
DoD	90%			
Communication port	CAN			
Warranty	10 Years			
Compatible inverter	SPH 3000~6000TL3 BL UP/ SPA 3000TL3 BL UP			
CE, UN38.3, Rohs, Reach, WEEE				

* Support -20°C startup and automatically self-heat the device for a certain time to the charge temperature range.