

# FR Series ENERGY STORAGE SYSTEM

5.0 / 9.0 / 10.0 /  
12.0 / 15.0kWh



## Datasheets

Nominal Voltage	Cycle Life	Warranty	Communication
51.2V	>6000 Times	10 Years	CAN2.0 / RS485



Model	FR-5.1kWh	FR-9.0kWh	FR-10.2kWh	FR-12.28kWh	FR-15.0kWh
Nominal Energy	5.12kWh	9.01kWh	10.34kWh	12.28kWh	15.46kWh
Rated Capacity	100Ah	176Ah	202Ah	240Ah	302Ah
Battery Data	Nominal Current	100A	100A	200A	200A
	Nominal Voltage	51.2V			
Operating Temperature	0°C ~ 55°C (Charge)		-20°C ~ 60°C (Discharge)		
	Installation	Wall or Floor Mount			Floor Mount
Dimension (H×W×D)	745×460×165	830×460×200	830×460×200	980×460×200	980×460×230
	Weight	49.5kg	75kg	93kg	112kg
Protection Class	IP31				
Scalability	Up to 4 Units				
General Data	DOD	90%			
	Communication	CAN2.0/RS485			
Warranty	5 Years Product Warranty, 10 Years Battery Warranty				
Guaranteed Cycles	>6000				
Compatible Inverters	Growatt / Deye / Victron / Lux Power / GoodWe / TBB / Megarevo / etc.				

Certification and Standards

