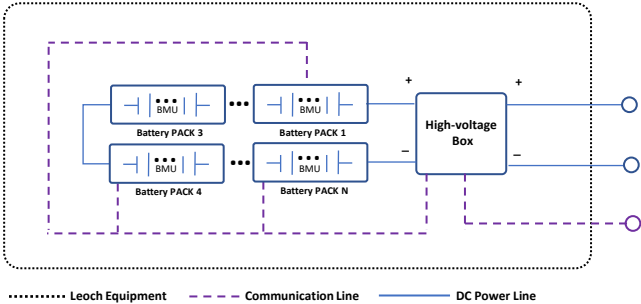


Air-Cool Indoor Rack Battery Energy Storage System
CF-5S~15S-1P16S-314W0.5



- High Voltage & High Efficiency
- Safe & Long Lifespan
- Standard Design
- BMS Active Balancing



*The product image shows 15 PACK

*This product supports the connection of 5 to 17 PACKs in series. Customization can be done according to your needs. For more information, please contact the technical staff.

Model	CF-5S-1P16S-314W0.5	CF-10S-1P16S-314W0.5	CF-12S-1P16S-314W0.5	CF-15S-1P16S-314W0.5
PACK Specifications				
Cell Type	LFP			
Nominal Voltage	51.2V			
Nominal Capacity	314Ah			
Nominal Power Energy	16kWh			
Net Weight (approximate)	~112kg			
Dimension (W×D×H)	482×770×227mm			
Charging Temperature Range	0~55℃			
Discharge Temperature Range	-20℃~55℃			
Cooling Mode	Intelligent Air Cooling			
Communication Interface	CAN			
IP level	IP20			
RACK Specifications				
PACK Quantity	5	10	12	15
Nominal Voltage	256V	512V	614.4V	768V
Nominal Capacity	314Ah			
Nominal Power Energy	80kWh	160kWh	192kWh	241kWh
Operating Voltage Range	224 ~ 288V	448 ~ 576V	537.6 ~ 691.2V	672 ~ 864V
Charging Current	≤157A			
Discharging Current	≤157A			
Cycles	≥6000 times (25℃, 0.5C/0.5C, DOD 90% SOH 70%)			
Working Altitude	≤2000m(Derating over 2000 meters)			
Ambient Humidity	5 ~ 95% (non-condensing)			
Net Weight	~829kg	~1389kg	~1613kg	~1949kg
Dimension (W×D×H)	555x780x1632mm	1110x780x1632mm	1110x780x1866mm	1110×780×2100mm
Round Trip Efficiency	≥94%			
Communication	RS485, CAN, Ethernet, Dry contacts			
Compatible Inverters	SMA etc.			
Pack Certification	UN38.3			

Application Scenario

