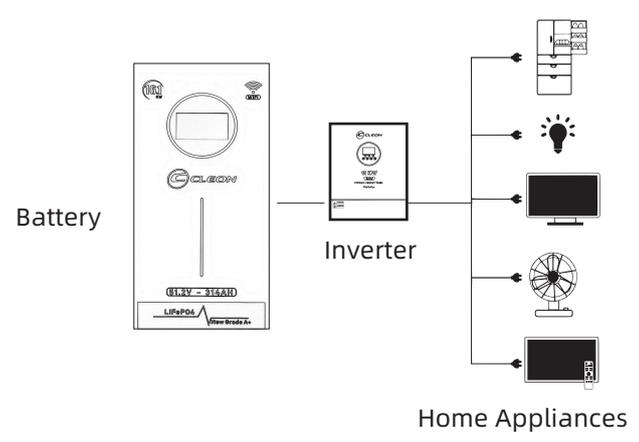




- 
6000+
times
- 
5 years
warranty
- 
Multiple
protection
- 
High
quality
- 
WiFi



Application Principle



LITHIUM BATTERY LIFEPO4 (25.6V~51.2V SERIES)

Features

-  High quality lithium iron phosphate battery.
-  High class of safety with built-in BMS protection.
-  >6000+ times deep cycle charge and discharge.
-  Supports expansion to 15 units in parallel mode.
-  Super long warranty: 5 years warranty.
-  WiFi Enabled.

LITHIUM BATTERY LIFEPO4 (25.6V~51.2V SERIES)



Product Parameters

MODEL	CN-25.6V 100AH	CN-25.6V 200AH	CN-25.6V 280AH	CN-25.6V 314AH	CN-51.2V 100AH	CN-51.2V 200AH	CN-51.2V 280AH	CN-51.2V 314AH
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Total Energy	2560Wh	5120Wh	7168Wh	8038Wh	5120Wh	10240Wh	14336Wh	16076Wh
Usable Energy (90%DOD)	2304Wh	4608Wh	6451Wh	7234Wh	4608Wh	9216Wh	12902Wh	11253Wh
Voltage Range	21.6~29V	21.6~29V	21.6~29V	21.6~29V	43.2~58.4V	43.2~58.4V	43.2~58.4V	43.2~58.4V
Fast Charge Voltage	29.0V	29.0V	29.0V	29.0V	58.4V	58.4V	58.4V	58.4V
Float Charge Voltage	27.0V	27.0V	27.0V	27.0V	55.2V	55.2V	55.2V	55.2V
Low DC Cut-off Voltage	21.6V	21.6V	21.6V	21.6V	43.2V	43.2V	43.2V	43.2V
Max.continue discharge current	100A	150A	200A	200A	100A	150A	200A	200A
Max.pulse discharge current	150A1Sec.	200A1Sec.	300A1Sec.	300A1Sec.	150A 1Sec.	150A 1Sec.	300A1Sec.	300A1Sec.
Max.continue charge current	50A	100A	150A	150A	50A	100A	150A	150A
Scalable	1~15 In paallel							
Communication	RS485		CAN,RS485					
LCD Display	LCD		Screen touch		LCD		Screen touch	
Cycle life	>6000 Cycles for 100Ah/200Ah @+25°C,0.5C,90%DOD,60%EOL)						>8000 Cycles@ (+25°C,0.5C, 90%DOD,60%EOL)	
Terminal	double M8							
Storage temperature	0°C~30°C							
Storage duratlon	12months at 25°C							
Safety standard	UN38.3,MSDS							
IP degree	IP20							
PROTECTION								
Protection	Over charge protection,Over discharge protection,Over current protection, Short circuit protection,Over temperature protection							
AMBIENT								
Working Temperature	-10°C~+50°C							
Humidity	0-95%(no condensatlon)							
DIMENSION								
LxWXH (product size)MM	480*380*180	580*420*180	550*450*298	550*450*298	580*420*180	770*450*260	920*450*260	920*450*260
LxWxH (package size)MM	510*415*245	630*470*260	600*500*350	600*500*350	630*470*260	810*470*410	950*470*410	950*470*410
Weight(NW)	24	45	67	67	44	86	109	109
Weight(GW)	27	47	73	73	46	98	121	121



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