

CNS-LFP192V/LFP384V Backup Power Series (LiFePO₄ Battery)



Products Advantages over Lead-acid Battery

- Larger energy capacity
- Longer cycle life
- Lighter weight
- Higher power
- Wider temperature range
- Superior Safety
- Accurate power calculation

Application:

data center, UPS backup, solar power backup

Product Parameter

Model	CNS-LFP19250	CNS-LFP38450	CNS-LFP384100
Battery type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery
Display (optional)	LCD	LCD	LCD
Nominal voltage	192V	384V	384V
Nominal capacity	50Ah	50Ah	100Ah
Cell	3.2V/50Ah	3.2V/50Ah	3.2V/100Ah
Battery cell grouping method	30 pieces connect in series	30 pieces connect in series	15 pieces connect in series
Battery module grouping method	2 modules connect in series	4 modules connect in series	8 modules connect in series
Size of battery module	W482 × D475× H222 (mm)	W440 × D640× H132 (mm)	W482 × D485 × H133 (mm)
Weight of battery module	60kg	60kg	47kg
Size of power control module	W482 × D500× H133(mm)	W482 × D500 × H180 (mm)	W482 × D500 × H180 (mm)
Weight of power control module	20kg	22kg	22kg
Size of system cabinet	W600 × D700 × H880 (mm)	W600 × D700 × H880 (mm)	W600 × D800 × H1900 (mm)
Charge cut-off voltage	213V	438V	438V
Discharge cut-off voltage	174V	300V	300V
Nominal charge current	0.5C	0.5C	0.5C
Maximum charge current	1.0C	1.0C	1.0C
Maximum discharge current	1.0C	1.0C	1.0C
Charge temperature	0 ~ 55°C	0 ~ 55°C	0 ~ 55°C
Discharge temperature	-20 ~ 65°C	-20 ~ 65°C	-20 ~ 65°C
Working humidity	≤95% (40°C±2°C)	≤95% (40°C±2°C)	≤95% (40°C±2°C)
Working altitude	0 ~ 4000m	0 ~ 4000m	0 ~ 4000m
Working atmospheric pressure	70kPa-106kPa	70kPa-106kPa	70kPa-106kPa
Noise	0dB	0dB	0dB

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