



## Back-up power

### Back-up power supply for communication base station

Chunlan power battery has been widely used in the telecommunications, mobile communications base station as back-up power supply.



Model	C-BTS-48-50	C-BTS-48-100	
Nominal Capacity	Ah	50	100
Nominal Voltage	V	48	48
Nominal Energy	KWh	2.5	5.0
Voltage range	V	41.6 ~ 57.6	
Overcharge protection cut-off voltage	V	57.6	57.6
Overdischarge protection cut-off voltage	V	41.6	41.6
Cell Qty	piece	16	16
Cell type	LiFePo4		
MAX Charge current	A	50	100
MAX Working current	A	50	100
Weight	kg	35	60
Dimension ( W x D x H )	mm	480×480×133	480×420×222
Charging temperature	°C	0 ~ 45	0 ~ 45
Discharge temperature	°C	-20 ~ 60	-20 ~ 60
Charging mode		CC/CV	CC/CV
Cycle life	times	3000~5000	3000~5000

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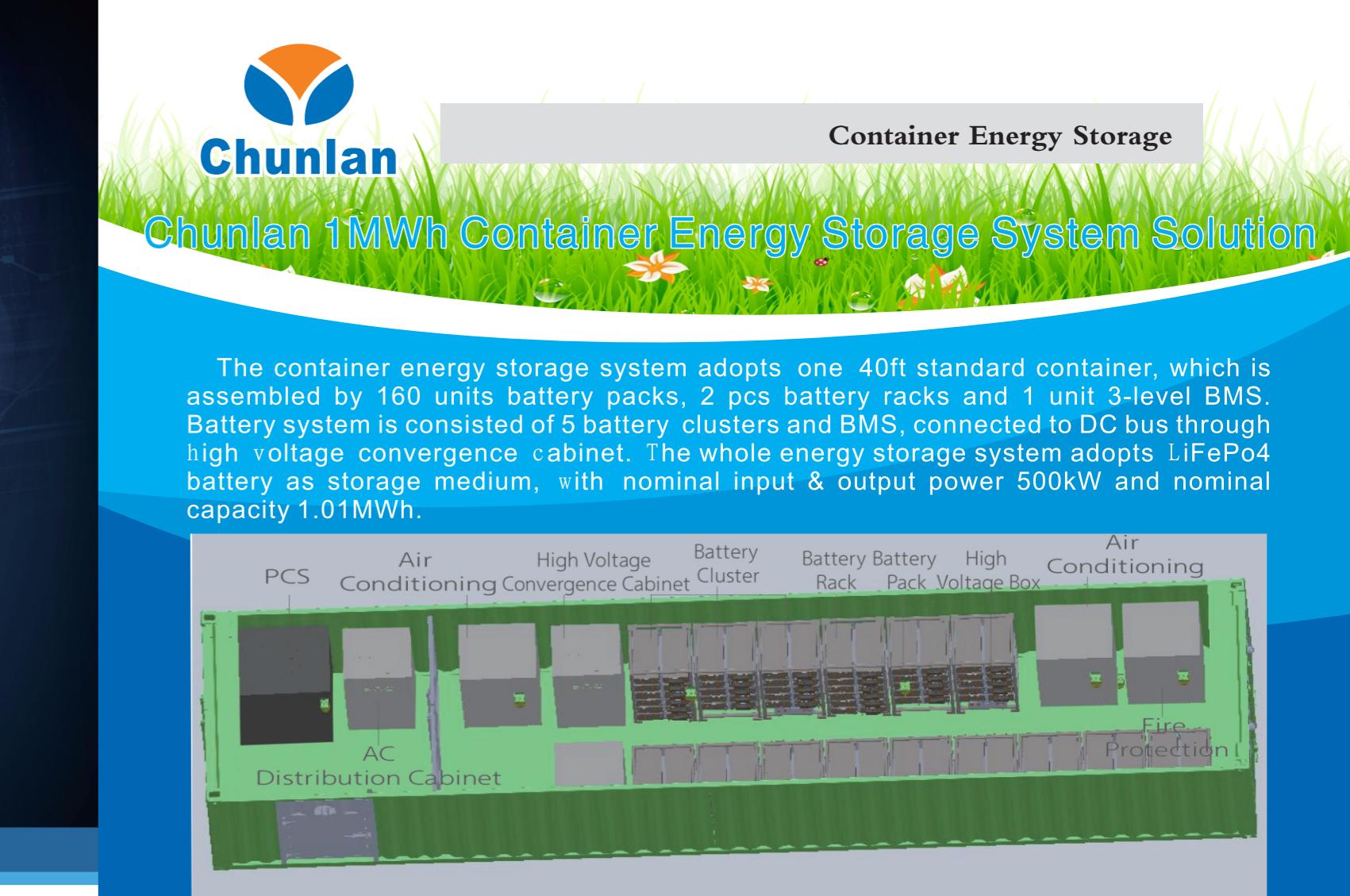
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## ENERGY STORAGE SYSTEM



Battery cluster high voltage wire connection diagram:



Battery cluster rack design:

