

Lead Acid Replacement Battery (LiFePO₄)

CNS-LFP12V Series



Model	LFP1250	LFP1260	LFP12100	LFP12120	LFP12150	LFP12200	LFP12300
Electrical Parameter							
Rate voltage	12.8V						
Rate capacity	50AH	60AH	100AH	120AH	150AH	200AH	300AH
Energy	768Wh	768Wh	1280Wh	1536Wh	1920Wh	2560Wh	3840Wh
Cycle life	>3000 cycles 80% DOD						
Operating Parameter							
Charge voltage	14.2V						
Charge current	25A	30A	50A	60A	75A	100A	150A
Max. charge current	50A	60A	100A	120A	150A	200A	200A
Discharge cut-off voltage	10V						
Discharge current	25A	30A	50A	60A	75A	100A	150A
Max. discharge current	50A	60A	100A	120A	150A	200A	200A
Max. pulse discharge current(<0.3S)	150A	180A	300A	360A	450A	600A	600A
Discharge temperature	-20~55℃						
Charge temperature	0~55℃						
Storage temperature	-10~45℃						
Optional items							
Display	LCD/Bluetooth						
Series or parallel connection	4S or 4P						
Mechanical Parameter							
Terminal	M8						
Weight	6.5KG	8KG	12.5KG	16KG	17KG	25KG	37KG
Dimension(LxWxH)mm	198x166x170	260x168×209	330x173x215	406x173×236	483x170x240	522x240×218	520x269×220
Standard							
Certification	CE						

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Lead Acid Replacement Battery (LiFePO4)

CNS-LFP24V Series



Model	LFP2450	LFP2460	LFP24100-A	LFP24100-B
Electrical Parameter				
Rate voltage	25.6V			
Rate capacity	50AH	60AH	100AH	100AH
Energy	1280Wh	1536Wh	2560Wh	2560Wh
Cycle life	>3000 cycles 80% DOD			
Operating Parameter				
Charge voltage	28.4V			
Charge current	25A	30A	50A	50A
Max. charge current	50A	60A	100A	100A
Discharge cut-off voltage	20V			
Discharge current	25A	30A	50A	50A
Max. cisharge current	50A	60A	100A	100A
Max. pulse discharge current(<0.3S)	150A	180A	300A	300A
Discharge temperature	-20~60℃			
Charge temperature	0~55℃			
Storage temperature	-10~45℃			
Optional items				
Display	LCD/Bluetooth			
Mechanical Parameter				
Terminal	M8			
Weight	11KG	13.5KG	22KG	23KG
Dimension(LxWxH)mm	260x168x209	406x173x236	483x170x240	522x240x218
Standard				
Certification	CE			

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Lead Acid Replacement Battery(LiFePO4)

CNS-LFP36V Series



Model	LFP3650		LFP3660	LFP36100
Electrical Parameter				
Rate voltage	38.4V			
Rate capacity	50AH	60AH	100AH	
Energy	1920Wh	2304Wh	3840Wh	
Cycle life	>3000 cycles 80% DOD			
Operating Parameter				
Charge voltage	42.6V			
Charge current	25A	30A	50A	
Max. charge current	50A	60A	100A	
Discharge cut-off voltage	30V			
Discharge current	25A	30A	50A	
Max. discharge current	50A	60A	100A	
Max. pulse discharge current(<0.3S)	150A	180A	300A	
Discharge temperature	-20~55℃			
Charge temperature	0~55℃			
Storage temperature	-10~45℃			
Optional items				
Display	LCD/Bluetooth			
Mechanical Parameter				
Terminal	M8			
Weight	16KG	20KG	33KG	
Dimension(LxWxH)mm	330×173×215	483x170x240	520×269×220	
Standard				
Certification	CE			

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Telecom Battery (LiFePO₄)

CNS-LFP48V Backup Power Series



Model	LFP48100	LFP48150	LFP48200	LFP51.2100	LFP51.2150	LFP51.2200
Electrical Parameter						
Rate voltage	48V			51.2V		
Rate capacity	100AH	150AH	200AH	100AH	150AH	200AH
Energy	4800Wh	7200Wh	9600Wh	5120Wh	7680Wh	10240Wh
Cycle life	>4000 cycles 80% DOD					
Internal Impedance	<50 mΩ					
Designed life	10 Years					
Operating Parameter						
Charge voltage	53.2V			56.8V		
Charge current	50A	75A	100A	50A	75A	100A
Max. charge current	100A	100A	100A	100A	100A	100A
Discharge cut-off voltage	37.5V			40V		
Discharge current	50A	75A	100A	50A	75A	100A
Max. discharge current	100A	100A	100A	100A	100A	100A
Discharge temperature	-20~55℃					
Charge temperature	0 ~ 55℃					
Storage temperature	-10~45℃					
Functional items						
Parallel connection	Max 15P					
Communication Port	RS485/SNMP					
SOC display	LED					
Mechanical Parameter						
Terminal	Terminal block					
Weight	43KG	69KG	78KG	44KG	70KG	79KG
Dimension(WxDxH)mm	445x430x132	445x560x177	445x560x222	445x430x132	445x560x177	445x560x222
Protection	IP30					
Standard						
Certification	CE					

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