

리튬 인산철 배터리

12.8V 50Ah ~ 314Ah

25.6V 100Ah



METAL-CASE BATTERIES



Metal-Case Batteries

▶ Specifications

Model	LFP0.64KWH 12.8V-P65L1	LFP0.64KWH 12.8V-P65L4	LFP1.28KWH 12.8V-P65L4	LFP1.92KWH 12.8V-P65L1	LFP2.56KWH 12.8V-P65L1	LFP2.56KWH 25.6V-P65L3	LFP4KWH 12.8V-P65L1DS	
Electrical Parameter								
Battery type	LiFePO ₄							
Nominal voltage	12.8V					25.6V	12.8V	
Nominal capacity	50Ah	50Ah	100Ah	150Ah	200Ah	100Ah	314Ah	
Energy	640Wh	640Wh	1280Wh	1920Wh	2560Wh	2560Wh	4019Wh	
Pack mode	4S1P	4S1P	4S1P	4S1P	4S2P	8S1P	4S1P	
Continuous discharge current	35A	25A	50A				100A	
Charge cut-off voltage	14.4V					28.8V	14.4V	
Discharge cut-off voltage	10.4V					20.8V	10.4V	
Max. charge current	25A	50A	100A					
Max. discharge current	50A	50A	100A				200A	
Peak discharge current	60A	60A	120A				240A	
Recommend discharge current	30A	25A	50A				100A	
Recommend discharge depth	80%							
Cycle life	4000 cycles (25°C, 0.5C) 80%DOD	5000 cycles (25°C, 0.5C) 80%DOD	6000 cycles (25°C, 0.5C) 80%DOD				8000 cycles (25°C, 0.5C) 80%DOD	
Environmental Parameter								
Charge & discharge temperature	Charge 0°C~+55°C Discharge -20°C~+60°C							
Optimal storage temperature	5°C +35°C							
Recommend humidity	40%-80%							
Ingress protection	IP65							
Mechanical Parameter								
Terminal	M8	M6					M8	
Dimensions (LxWxH) (mm)	200x120x237	255x185x150	280x200x170	320x240x201	480x200x170	480x200x170	415x220x271	
Weight (Kg)	8.1±0.5	8.8±0.5	13.3±0.5	19.2±0.5	23.8±0.5	23.8±0.5	33.5±0.5	
Certificate	UN38.3, MSDS	UN38.3, MSDS, IEC62619					UN38.3, MSDS, IEC62619, CE-RED, ROHS	



이피에버

리튬 인산철 배터리

12.8V 120Ah ~ 205Ah

25.6V 120Ah



ABS-CASE BATTERIES



ABS-Case Batteries

▶ Specifications

Model	LFP1.53KWH12.8V-P65L3	LFP2.56KWH12.8V-P65L3	LFP3.07KWH25.6V-P65L3
Electrical Parameter			
Battery type	LiFePO ₄		
Nominal voltage	12.8V	12.8V	25.6V
Nominal capacity	120Ah	205Ah	120Ah
Energy	1536Wh	2624Wh	3072Wh
Pack mode	4S1P	4S1P	8S1P
Continuous discharge current	50A	100A	50A
Charge cut-off voltage	14.4V	14.4V	28.8V
Discharge cut-off voltage	10.4V	10.4V	20.8V
Max. charge current	100A		
Max. discharge current	100A	200A	100A
Peak discharge current	120A	240A	120A
Recommend discharge current	50A	100A	50A
Recommend discharge depth	80%		
Cycle life	6000 cycles (25°C, 0.5C) 80%DOD	4000 cycles (25°C, 0.5C) 80%DOD	6000 cycles (25°C, 0.5C) 80%DOD
Environmental Parameter			
Charge & discharge temperature	Charge 0°C~+55°C Discharge -20°C~+60°C		
Optimal storage temperature	5°C +35°C		
Relative humidity	40%-80%		
Ingress protection	IP65		
Mechanical Parameter			
Terminal	M6	M8	M6
Dimensions (LxWxH) (mm)	386x206x273	522x268x218	522x268x218
Weight (Kg)	14.2±0.5	23.5±0.5	25.9±0.5
Certificate	UN38.3, MSDS, IEC62619	UN38.3, MSDS	UN38.3, MSDS, IEC62619



리튬 인산철 배터리

12.8V 50Ah ~ 205Ah

25.6V 50Ah, 205Ah



EU-CERTIFIED BATTERIES



EU-Certified Batteries

▶ Specifications

Model	LFP 0.64KWH 12.8V-P65L2	LFP 1.28KWH 12.8V-P65L2 EV50	LFP 1.28KWH 25.6V-P65L3	LFP 1.92KWH 12.8V-P65L2	LFP 2.56KWH 12.8V-P65L2 GF40	LFP 2.56KWH 25.6V-P65L2 EV50	LFP 3.84KWH 25.6V-P65L2	LFP 5.12KWH 25.6V-P65L2 GF40
Electrical Parameter								
Battery type	LiFePO4							
Nominal voltage	12.8V		25.6V	12.8V		25.6V		
Nominal capacity	50Ah	100Ah	50Ah	150Ah	205Ah	100Ah	150Ah	205Ah
Energy	640Wh	1280Wh		1920Wh	2624Wh	2560Wh	3840Wh	5248Wh
Pack mode	4S1P		8S1P	4S1P	4S1P	8S1P		
Continuous discharge current	25A	50A	25A	75A	100A	50A	75A	100A
Charge cut-off voltage	14.4V		28.8V	14.4V		28.8V		
Discharge cut-off voltage	10.4V		20.8V	10.4V		20.8V		
Max. charge current	50A	100A	50A	150A	100A	100A	150A	100A
Max. discharge current	75A	150A	75A	200A	200A	150A	200A	200A
Peak discharge current	100A	180A	90A	240A	240A	180A	240A	240A
Recommend discharge current	25A	50A	25A	75A	100A	50A	75A	100A
Recommend discharge depth	80%							
Cycle life	5000 cycles (25°C, 0.5C) 80% DOD		4000 cycles (25°C, 0.5C) 80% DOD	6000 cycles (25°C, 0.5C) 80% DOD	4000 cycles (25°C, 0.5C) 80% DOD	5000 cycles (25°C, 0.5C) 80% DOD	6000 cycles (25°C, 0.5C) 80% DOD	4000 cycles (25°C, 0.5C) 80% DOD
Function	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating
Environmental Parameter								
Charge & discharge temperature	Charge 0°C~+55°C				Discharge -20°C~+60°C			
Optimal storage temperature	5°C +35°C							
Relative humidity	40%-80%							
Ingress protection	IP65							
Mechanical Parameter								
Terminal	M8							
Dimensions (LxWxH) (mm)	260x168x210	340x185x219	522x268x218	386x206x273	522x268x218	522x268x218	522x268x218	636x245x218
Weight (Kg)	7.6±0.5	12.2±0.5	---	16.8±0.5	23.1±0.5	22.6±0.5	30.5±0.5	40.7±0.5
Certificate	UN38.3, MSDS, IEC62619, CE-RED, ROHS							



이피에버

리튬 인산철 배터리

48V 52Ah, 100Ah

51.2V 52Ah, 100Ah, 205Ah



RACK-MOUNTED BATTERIES



Rack-Mounted Batteries

▶ Specifications

Model	LFP 2.4KWH 48V- P20 R1GT40	LFP 2.56KWH 51.2V-P20 R1GT40	LFP 4.8KWH 48V- P20R3	LFP 4.8KWH 48V- P20R4	LFP 4.8KWH 48V- P20R5	LFP 5.12KWH 51.2V- P20R3	LFP 5.12KWH 51.2V- P20R4	LFP 5.12KWH 51.2V- P20R5	LFP 10.5KWH 51.2V-P20R1 GF30	LFP 10.5KWH 51.2V- P20R2GF30
Electrical Parameter										
Battery type	LiFePO ₄									
Nominal voltage	48V	51.2V	48V				51.2V			
Nominal capacity	52Ah		100Ah				205Ah			
Energy	2496Wh	2662Wh	4800Wh				5120Wh		10500Wh	
Pack mode	15S1P	16S1P	15S1P				16S1P			
Continuous discharge current	25A		50A				100A			
Charge cut-off voltage	54V	57.6V	54V				57.6V			
Discharge cut-off voltage	39V	41.6V	39V				41.6V			
Max. charge current	25A		50A				100A		150A	
Max. discharge current	50A		100A				200A			
Peak discharge current	60A		120A				240A			
Recommend discharge current	25A		50A				100A			
Recommend discharge depth	80%									
Cycle life	4000 cycles (25°C, 0.5C) 80% DOD		6000 cycles (25°C, 0.5C) 80% DOD				6000 cycles (25°C, 0.5C) 90% DOD		4000 cycles (25°C, 0.5C) 90% DOD	
Communication	RS485/RS232/CAN									
Display	LED	LED	LED	LED+LCD	LED	LED	LED+LCD	LED	LED	LCD
Environmental Parameter										
Charge & discharge temperature	Charge 0°C~+55°C Discharge -20°C~+60°C									
Optimal storage temperature	5°C +35°C									
Relative humidity	40%-80%									
Ingress protection	IP20									
Mechanical Parameter										
Terminal	M6								M6	Quick-plug
Dimensions (WxHxD) (mm)	426x340 x150	426x340 x150	495x510 x150	495x510 x150	495x510 x150	495x510 x150	495x510 x150	495x510 x150	550x530 x232	550x530 x232
Weight (Kg)	26.1±0.5	26.8±0.5	45.6±0.5	45.6±0.5	45.6±0.5	47.8±0.5	47.8±0.5	47.8±0.5	91.6±0.5	90.1±0.5
Certificate	UN38.3, MSDS, IEC62619									



리튬 인산철 배터리

51.2V 100Ah ~ 314Ah



WALL-MOUNTED BATTERIES



Wall-Mounted Batteries

▶ Specifications

Model	LFP5.12KWH 51.2V-P65H1EV50	LFP5.12KWH 51.2V-P65H2EV50	LFP10.5KWH 51.2V-P65F1	LFP14.33KWH 51.2V-P65F1	LFP16.07KWH 51.2V-P65F1
Electrical Parameter					
Battery type	LiFePO ₄				
Nominal voltage	51.2V				
Nominal capacity	100Ah		206Ah	280Ah	314Ah
Energy	5120Wh		10547Wh	14336Wh	16076Wh
Continuous discharge current	50A		100A		
Charge cut-off voltage	57.6V				
Discharge cut-off voltage	41.6V				
Max. charge current	50A		100A		
Max. discharge current				200A	
Peak discharge current				240A	
Recommend discharge current	50A		100A		
Cycle life	5000 cycles (25°C, 0.5C) 80%DOD			8000 cycles (25°C, 0.5C) 80%DOD	
Communication	RS485 CAN RS232				
Display	LED		LCD		
Open-circuit voltage	50.88~53.6V				
Number of series/parallel	Max 8 battery packs in parallel				
Environmental Parameter					
Charge & discharge temperature	Charge 0°C~+55°C Discharge -20°C~+60°C				
Storage temperature range	5°C +35°C				
Relative humidity	40%-80%				
Ingress protection	IP65				
Mechanical Parameter					
Terminal	Quick-plug				
Dimension (L x W x H) (mm)	510x180x560		590x670x250	730x660x250	
Weight (kg)	49.8±0.5		---	121.7±0.5	125.9±0.5
Certifi cation	UN38.3, MSDS, IEC62619, ROHS			UN38.3, MSDS, IEC62619	



이피에버

리튬 인산철 배터리

51.2V 100Ah ~ 314Ah



INDUSTRIAL & COMMERCIAL ESS



Industrial & Commercial ESS

▶ Main Technical Specifications

Model	CS215KWH768V105K3P-P54A
Rated charge/discharge power	105kW
Nominal energy	215kWh
Composition	1P240S (no parallel connection)
AC phase number	Three-phase four-wire
Cycle life	>8000 (discharge rate 0.5C EOL70%)
Communication protocols	Support IEC104, modbus-RTU, DL/T645, etc
Ingress protection	IP54 (inside the cabinet), IP67 (PACK)
Fire protection method	Cabinet fire protection/ Pack fire protection
Altitude	≤3000m (>2000m derating)
Dimensions (WxHxD) (mm)	1380x2200x1420 (hanging rings not included)
Weight (kg)	2.5T (±50kg)

▶ PCS Technical Specifications

Model	CS215KWH768V105K3P-P54A
Max. DC power (kW)	162
Max. input current (A)	171
DC operating voltage range (V)	615~950(3P3L)/650-950(3P4L)
AC Side Parameters (grid-tied)	
Rated AC power (kW)	105
Max. apparent load power (kVA)	115
Max. current (A)	167
Rated operating voltage (Vac)	240/400
Permissible grid voltage range	-10%~10%
Rated grid frequency (Hz)	50/60

