

LiFePO4 Battery Range Specification

Specification	PS-05	PS-09	PS-12	PS-20	PS-30
Dimensions W x D x H (mm)	112 x 70 x 104	150 x 87 x 104	149 x 128 x 85	173 x 87 x 154	164 x 124 x 175
Weight (g)	950g	1080g	1520g	1995g	2700g
Technology	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage	12.8V	12.8V	12.8V	12.8V	12.8V
Capacity	5Ah, 25.6Wh	9Ah, 76.8Wh	12Ah, 102.aWh	20Ah, 153.6Wh	30Ah, 204.8Wh
CCA (Cold Cranking Amperes)	160	300	420	630	800
Current charge	30A	30A	30A	30A	30A
Max. continuous charge current	30A	30A	30A	30A	30A
End charge current	600mA	600mA	600mA	600mA	600mA
Cut-off voltage	15V	15V	15V	15V	15V
Max. discharge current	200A	200A	400A	400A	400A
Limited charge voltage	15.6V	15.6V	15.6V	15.6V	15.6V
Charge temperature range	From -15°C to 45°C	From -15°C to 45°C	From -15°C to 45°C	From -15°C to 45°C	From -15°C to 45°C
Discharge temperature range	From -15°C to 55°C	From -15°C to 55°C	From -15°C to 55°C	From -15°C to 55°C	From -15°C to 55°C
Storage temperature range	From -15°C to 45°C	From -15°C to 45°C	From -15°C to 45°C	From -15°C to 45°C	From -15°C to 45°C
Number of cells	4	8	8	12	8
Cell model	F5554106	8054108	1249105	1249105	118725
Cell rated capacity	2Ah	3Ah	4ah	4Ah	8Ah
Certifications	CE, UN38.3	CE, UN38.3	CE, UN38.3	CE, UN38.3	CE, UN38.3
Terminal size	M6	M6	M6	M6	M6