

1.3. TECHNICAL DATA FOR LITHIUM LIFEPO4 BATTERY WITH BLUETOOTH AND HEATING

Model	LFP-24V50AHLHL	LFP-24V100AHLHL	LFP-24V200AHLHL
Nominal Voltage(V)	25.6	25.6	25.6
Nominal Capacity(Ah)	50	100	200
Usable Capacity (Wh)	1280	2560	5120
Dimension (mm)	309*168*209 278*175*190	345*190*245 483*171*240	521*238*218
Charge Current(A)	30	80	150
Discharge Current(A)	50	100	200
Cycle Life	≥3000@25	≥5000@25	≥5000@25
Working Temperature °C	- 30 ~ 60	- 30 ~ 60	- 30 ~ 60
Discharge Voltage(V)	25.6	25.6	25.6
Charge Voltage(V)	29.2	29.2	29.2
Internal Impedance (mΩ)	≤20	≤20	≤20
Water Dust Resistance	IP65	IP65	IP65
Series /Parallel connections	Both acceptable (series max. 2)	Both acceptable (series max. 2)	Both acceptable (series max. 2)

Model	LFP-12V100AHLHL	LFP-12V110AHLHL	LFP-12V150AHLHL
Nominal Voltage(V)	12.8	12.8	12.8
Nominal Capacity(Ah)	100	110	150
Usable Capacity (Wh)	1280	1408	1920
Dimension (mm)	278*175*190 355*175*190	278*175*190 330*172*214 355*175*190	330*172*214 355*175*190
Charge Current(A)	80	80	100
Discharge Current(A)	100	100	150
Cycle Life	≥5000@25	≥5000@25	≥5000@25
Working Temperature °C	- 30 ~ 60	- 30 ~ 60	- 30 ~ 60
Discharge Voltage(V)	12.8	12.8	12.8
Charge Voltage(V)	14.6	14.6	14.6
Internal Impedance (mΩ)	≤20	≤20	≤20
Water Dust Resistance	IP65	IP65	IP65
Series /Parallel connections	Both acceptable (max. 4)	Both acceptable (max. 4)	Both acceptable (max. 4)

Model	LFP-12V165AHLHL	LFP-12V200AHLHL	LFP-12V210AHLHL
Nominal Voltage(V)	12.8	12.8	12.8
Nominal Capacity(Ah)	165	200	210
Usable Capacity (Wh)	2112	2560	2688
Dimension (mm)	330*172*214 355*175*190	345*190*245 483*171*240	345*190*245
Charge Current(A)	100	150	150
Discharge Current(A)	150	200	200
Cycle Life	≥5000@25	≥5000@25	≥5000@25
Working Temperature °C	- 30 ~ 60	- 30 ~ 60	- 30 ~ 60
Discharge Voltage(V)	12.8	12.8	12.8
Charge Voltage(V)	14.6	14.6	14.6
Internal Impedance (mΩ)	≤20	≤20	≤20
Water Dust Resistance	IP65	IP65	IP65
Series /Parallel connections	Both acceptable (max. 4)	Both acceptable (max. 4)	Both acceptable (max. 4)

Model	LFP-12V300AHLHL	LFP-12V400AHLHL
Nominal Voltage(V)	12.8	12.8
Nominal Capacity(Ah)	300	400
Usable Capacity (Wh)	3840	5120
Dimension (mm)	521*238*218	521*238*218
Charge Current(A)	150	150
Discharge Current(A)	200	200
Cycle Life	≥5000@25	≥5000@25
Working Temperature °C	- 30 ~ 60	- 30 ~ 60
Discharge Voltage(V)	12.8	12.8
Charge Voltage(V)	14.6	14.6
Internal Impedance (mΩ)	≤20	≤20
Water Dust Resistance	IP65	IP65
Series /Parallel connections	Both acceptable (max. 4)	Both acceptable (max. 4)