

12V 100Ah

LiFePO4 deep-cycle battery · IP65 · Smart BMS



Chemistry	LiFePO4
Nominal voltage	12.8 V
Rated capacity	100 Ah
Nominal energy	1280 Wh
Max. continuous discharge	100 A
Charge voltage	14.4 ± 0.2 V (CC/CV)
Cycle life	≥ 4000 cycles @ 80% DOD
Ingress protection	IP65
Terminals	M8 bolts
Case material	ABS, UL94 V-0 flame retardant
Dimensions (L × W × H)	260 × 168 × 214.7 mm
Weight	10.3 kg (22.71 lbs)
Bank limit	4S4P
Pack certifications	CE, UN38.3, Level 9, IEC 62133, RoHS
Cell certifications	UL1642, UL2580, UN38.3
Operating temperature	Charge 0–50 °C; discharge –20–55 °C

12V 314Ah

LiFePO4 deep-cycle battery · IP65 · Smart BMS



Chemistry	LiFePO4
Nominal voltage	12.8 V
Rated capacity	314 Ah
Nominal energy	4019 Wh
Max. continuous discharge	200 A
Charge voltage	Per model datasheet
Cycle life	≥ 4000 cycles @ 80% DOD
Ingress protection	IP65
Terminals	M8 bolts
Case material	ABS, UL94 V-0 flame retardant
Dimensions (L × W × H)	383 × 193 × 250 mm
Weight	26.5 kg (58.42 lbs)
Bank limit	4S4P
Pack certifications	CE, UN38.3, Level 9, IEC 62133, RoHS
Cell certifications	UL1642, UL2580, UN38.3
Operating temperature	Charge 0–50 °C; discharge –20–55 °C

24V 100Ah

LiFePO4 deep-cycle battery · IP65 · Smart BMS

	Chemistry	LiFePO4
	Nominal voltage	25.6 V
	Rated capacity	100 Ah
	Nominal energy	2560 Wh
	Max. continuous discharge	100 A
	Charge voltage	Per model datasheet
	Cycle life	≥ 4000 cycles @ 80% DOD
	Ingress protection	IP65
	Terminals	M8 bolts
	Case material	ABS, UL94 V-0 flame retardant
	Dimensions (L × W × H)	531 × 206 × 217 mm
	Weight	18.7 kg (41.23 lbs)
	Bank limit	1S4P
	Pack certifications	CE, UN38.3, Level 9, IEC 62133, RoHS

Cell certifications	UL1642, UL2580, UN38.3
Operating temperature	Charge 0–50 °C; discharge –20–55 °C

24V 200Ah

LiFePO4 deep-cycle battery · IP65 · Smart BMS

	Chemistry	LiFePO4
	Nominal voltage	25.6 V
	Rated capacity	200 Ah
	Nominal energy	5120 Wh
	Max. continuous discharge	100 A
	Charge voltage	Per model datasheet
	Cycle life	≥ 4000 cycles @ 80% DOD
	Ingress protection	IP65
	Terminals	M8 bolts
	Case material	ABS, UL94 V-0 flame retardant
	Dimensions (L × W × H)	On request
	Weight	On request
	Bank limit	1S4P
	Pack certifications	CE, UN38.3, Level 9, IEC 62133, RoHS

Cell certifications	UL1642, UL2580, UN38.3
Operating temperature	Charge 0–50 °C; discharge –20–55 °C