

SPECIFICATIONS		DCZ-110-12V	DCZ-170-12V	DCZ-225-12V	DCZ-300-12V
Electrical Characteristics	Chemistry	LiFePO4			
	Nominal Voltage	12.8V			
	Nominal Capacity	110Ah (C5,25°C)	170Ah (C5,25°C)	225Ah (C5,25°C)	300Ah (C5,25°C)
	Energy	1408Wh	2176Wh	2880Wh	3840Wh
	Internal Resistance	≤20 mΩ	≤15 mΩ	≤18 mΩ	≤8 mΩ
	Cycle Life	>2000 cycles @1C 100%DOD			
	Months Self Discharge	<3%			
	Efficiency of Charge	100% @0.5C			
	Efficiency of Discharge	96-99% @1C			
Standard Charge	Charge Voltage	14.6±0.2V			
	Charge Mode	0.2C to 14.6V, then 14.6V,charge current to 0.02C (CC/CV)			
	Charger Current	50A	85A	112.5A	150A
	Max. Charge Current	100A	150A	200A	200A
	Charge Cut-off Voltage	14.6V±0.2V			
Standard Discharge	Rated Discharge Current	50A	85A	112.5A	150A
	Max Discharge Current	100A	150A	200A	200A
	Max. Pulse Current	300A(<3s)	510A(<3s)	675A(<3s)	900A(<3s)
	Discharge Cut-off Voltage	10V			
	Charge Temperature	0 °C to 45 °C (32Fto 113F) @60±25% Relative Humidity			
	Discharge Temperature	-20 °C to 60 °C (-4F to 140F) @60±25% Relative Humidity			
	Storage Temperature	0 °C to 40 °C (32Fto 104F) @60±25% Relative Humidity			
	Water Dust Resistance	IP67	IP67	IP67	IP67
Mechanical	BMS	100A 4S/4P	150A 4S/4P	200 4P	200A 4P
	Plastic Case	ABS	ABS	ABS	ABS
	Dimensions (in./mm.)	330 x173 x 212 mm		345*190*245 mm	
	Weight (lbs./kg.)	10.5kg(23.10lbs)	16kg(35.20lbs)	25.6kg(56.32lbs)	36.4kg(80.04lbs)
	Terminal	M8	M8	M8	M8
Features of LiFePO4 Battery	Longer Cycle Life	LiFePO4 batteries Life Cycle is five times greater than SLA batteries			
	High Power & Light weight	LiFePO4 batteries performance twice power of SLA batteries, while half weight helpful for transport and installation			
	Intelligent management control	Intelligent BMS system covered by LFP batteries to ensure that batteries work on safety and perfect condition			
	Lower Self-discharge rate	Lower Self-discharge rate to guarantee LFP batteries be stored more longer than SLA batteries			

- Applications**
- Caravan, RV, camping
  - UPS (replacement of SLA batteries)
  - Marine, golf cart
  - Solar, wind system
  - PV ,solar light

