



Advantage



High Energy Density

Similar volume as lead-acid battery, capacity increasing by 2 times



Real Time Monitor

Bluetooth APP & LCD screen (optional) make all the status clear



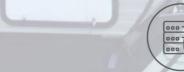
Over-long Warranty

Three times the life of lead-acid battery



Full Available Capacity

Support 100% DOD operation



Proven Safety

Advanced BMS and LFP cells ensure system with highest safety



Scalability

Support both series and parallel connection flexible construction of battery system







• Applications / Basic parameters







Yacht



Golf cart



Electric motorbike



Electric powered vehicles



Wheelchairs

	PARAMETERS	DP12-100	DP24-100	DP48-100
Nominal	Nominal Voltage	12.8V	25.6V	51.2V
	Nominal Capacity	100Ah	100Ah	100Ah
	Usable Capacity	1280Wh	2560Wh	5120Wh
Physical	Dimensions (WDH, mm)	260×168×211	407×172×236	522×239×218
	Weight	10.5Kg	19.5Kg	38.0Kg
Electrical	Charging Voltage	14.2V~14.6V	28.4V~29.2V	56.8V~57.6V
	Charging Current	50A	50A	50A
	Discharging Cutoff Voltage	10V	20V	40V
	Max. Discharging Current	100A	100A	100A
	Peak Discharging Current	150A(10ms)	150A(10ms)	150A(10ms)
Others	Scalability (in series)	up to 4	up to 2	Non
	Scalability (in parallel)	up to 5	up to 5	up to 5
	Charging Temperature	0~55℃	0~55℃	0~55℃
	Discharging Temperature	-20∼55℃	-20∼55℃	-20∼55℃
	Storage Temperature	-20~45℃	-20∼45°C	-20~45℃
	Monitoring	Bluetooth	Bluetooth	Bluetooth
	Cycle Life	>2000	>2000	>2000
	Certification		UN38.3 Rohs	