



• Advantage



High Energy Density

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



Over-long Warranty

Three times the life of lead-acid battery



Full Available Capacity

Support 100% DOD operation



Real Time Monitor

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



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



RV (Recreational Vehicle)



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℃	-20~45℃
	Monitoring	Bluetooth	Bluetooth	Bluetooth
	Cycle Life	>2000	>2000	>2000
	Certification	UN38.3 		