

INTELLIGENT LITHIUM BATTERY FOR ENERGY STORAGE

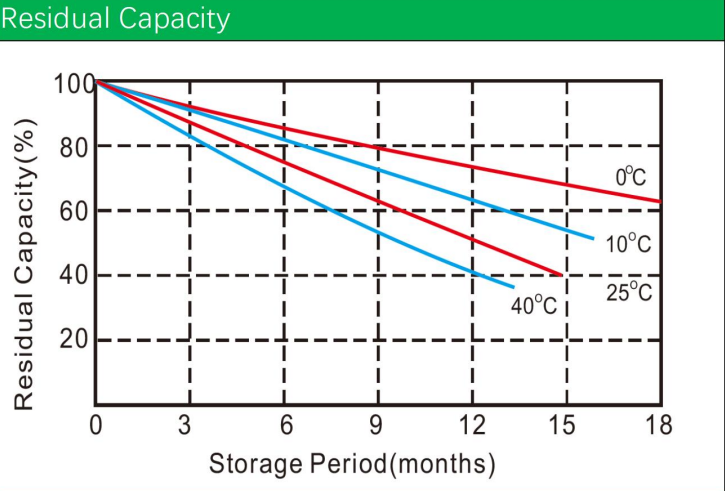
Model: PN MS200-12(L)

ON: 0

ZH220



Parameter chart			
Volts	12.8		V
Capacity	10 hours rate	20.00 A	200.0 Ah
Internal Resistance	Full Charged Battery 25°C	≤ 30	mΩ
Capacity Affected By Temperature	60°C	≥ 98%	
	25°C	≥ 100%	
	0°C	≥ 75%	
	-10°C	≥ 50%	
Residual Capacity (25°C)	Capacity After 3 Months Storage		≥ 87%
	Capacity After 6 Months Storage		≥ 74%
	Capacity After 12 Months Storage		≥ 50%
Charge(Constant Voltage)25°C	Standard Current 0.2C	40	A
	Max.Current 0.5C	100	A
	Max.Voltage	14.4 ~ 14.6	V
	Float Voltage	13.6 ~ 13.8	V
Discharge Current (25°C)	Standard Current 0.25C	50	A
	Max.Current	120	A
Weight (Approx)	20.96		KG



Constant Current Discharge Characteristics (A, 25°C)								
H/V/A	1.67	3.00	5.00	8.00	10.00	15.00	20.00	30.00
	9.20	120.00	66.67	40.00	25.00	20.00	13.33	10.00
								6.67
Constant Power Discharge Characteristics (Watt, 25 °C)								
H/V/W	1.67	3.00	5.00	8.00	10.00	15.00	20.00	30.00
	9.20	1536.0	853.3	512.0	320.0	256.0	170.7	128.0
								85.3

Capacity Factors With Different Temperature											
Discharge	-20°	-10°	0°	5°	10°	15°	20°	25°	30°	40°	60°
	30%	50%	75%	85%	90%	99%	100%	100%	100%	99%	98%

★ The above are average and data obtained from the firsr 3 charge/discharge cycles. These are not minimum values.

