

Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	9Ah@20hr-rate to 1.75V per cell @25°C
Weight	Approx. 2.55 Kg (Tolerance±5.0%)
Internal Resistance	Approx. 11.0 mΩ
Terminal	F2
Max. Discharge Current	160A (5sec)
Cold Cranking Ampere(CCA)	110A
Maxi. Charging Current	3.3A
Reference Capacity	C3 5.85AH
	C5 7.65AH
	C10 8.55AH
	C20 9.00AH
Float Charging Voltage	13.7 V~13.9 V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	14.6 V~14.8 V @ 25°C Temperature Compensation: -4mV/°C/Cell
Operating Temperature Range	Discharge: -20°C~60°C
	Charge: 0°C~50°C Storage: -20°C~60°C
Normal Operating Temperature Range	25°C±5°C
Self Discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at 25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25°C. Please charge batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

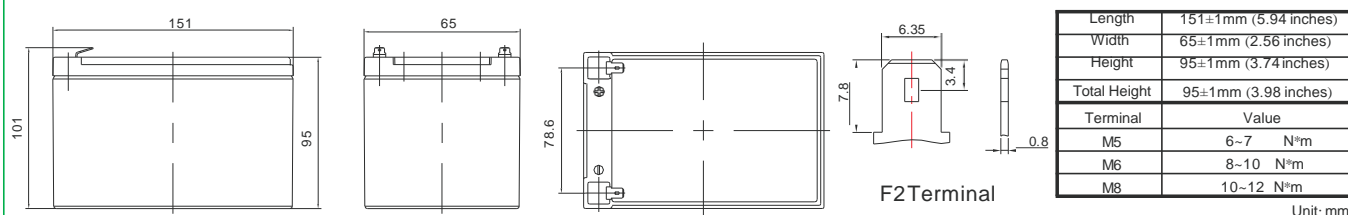


LDC series is specially designed for frequent discharge deep cycle application. By using the specially designed active material, strong grids and thick plate construction, the LDC series battery offers reliable performance in high load situations and could provide competitive cycle performance. It is suitable for Electric Vehicle and Golf cart, Floor Machines, Forklifts, Aerial lifts, Robotics, Marine, RV, Mobility and Medical Equipment, and most outdoor application.



G4M20206-0910-E-16

Dimensions



Constant Current Discharge Characteristics : A(25°C)

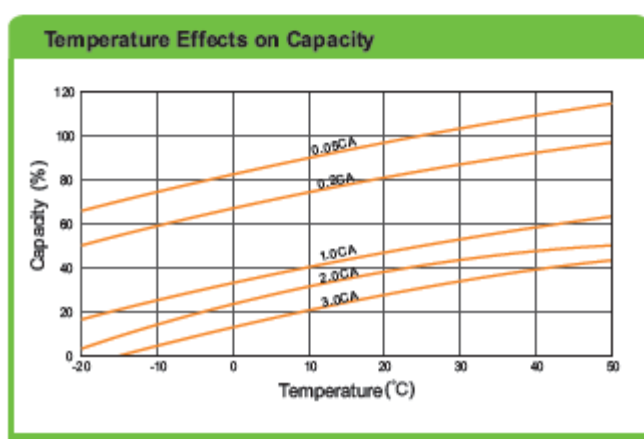
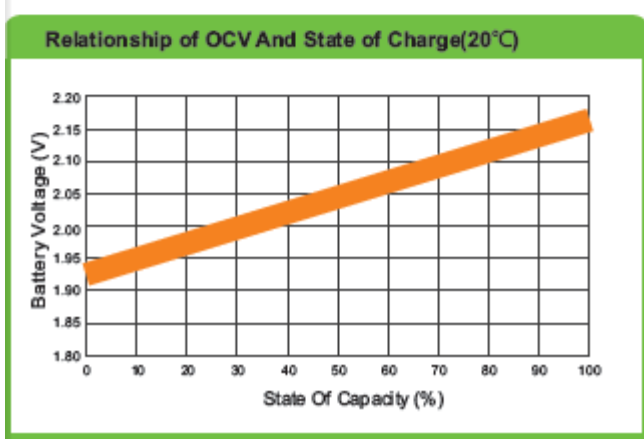
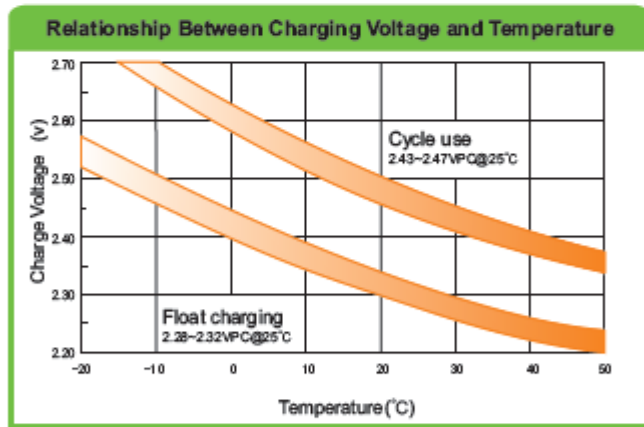
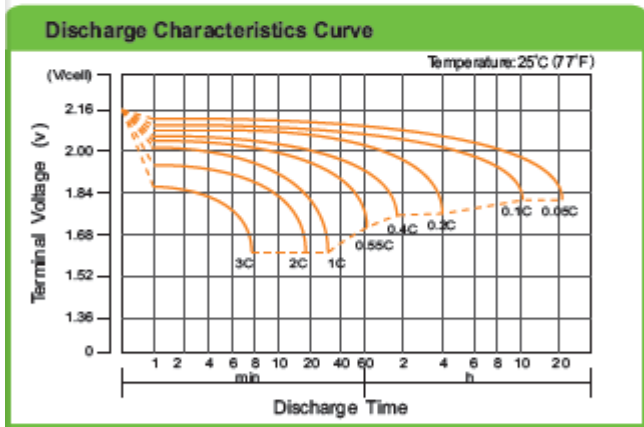
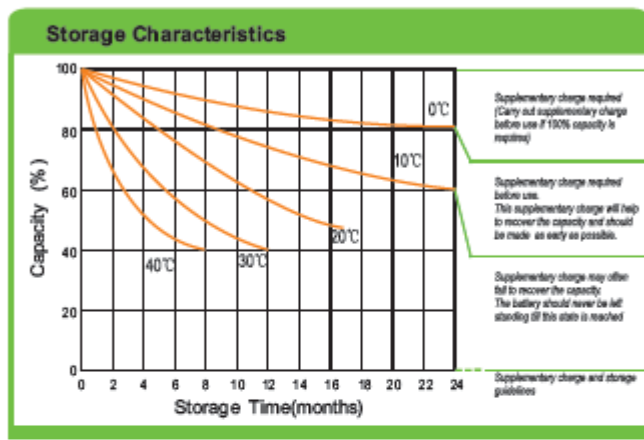
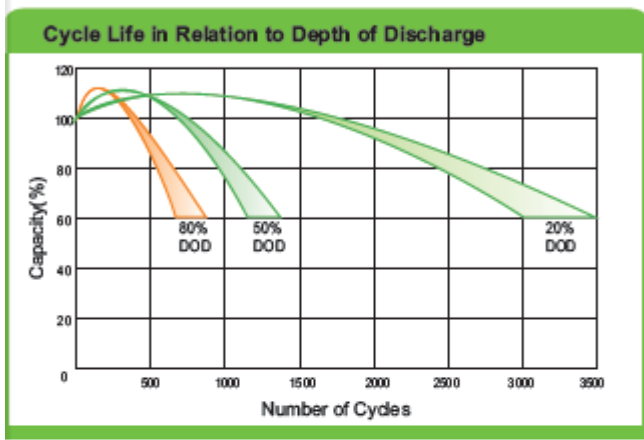
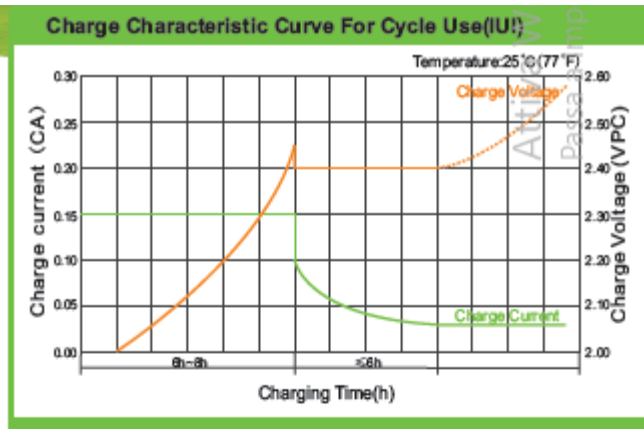
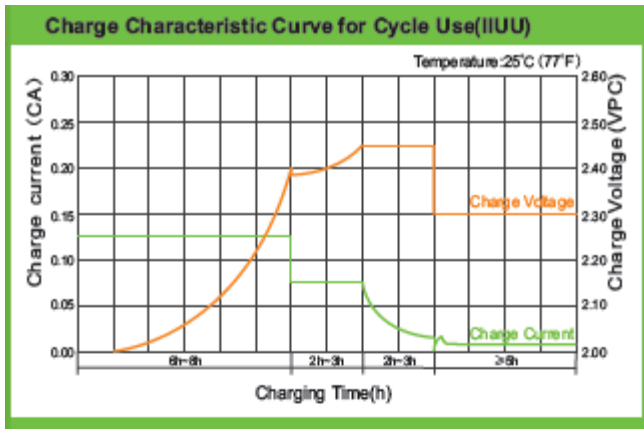
F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	48,80	30,30	22,90	14,00	7,04		3,09		1,89		1,03	0,56
1.65V	45,80	28,80	22,00	13,30	6,94		2,97		1,85		1,02	0,54
1.70V	41,90	27,70	21,50	12,10	6,73		2,77		1,81		1,01	0,53
1.75V	41,10	26,90	20,80	11,50	6,42		2,68		1,77		1,01	0,51
1.80V	36,80	25,70	18,90	10,70	6,01		2,57		1,66		0,99	0,50
1.85V	32,40	24,40	17,00	9,83	5,60		2,48		1,56		0,98	0,49

Constant Power Discharge Characteristics : WPC(25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	85,50	54,80	41,80	25,10	12,80		5,48		3,19		2,11	1,11
1.65V	82,50	53,40	41,30	24,60	12,70		5,31		3,18		2,10	1,07
1.70V	77,70	52,90	40,90	23,10	12,50		5,07		3,14		2,09	1,06
1.75V	76,20	52,70	40,60	22,40	12,30		4,95		3,11		2,06	1,03
1.80V	71,50	51,90	37,60	21,30	11,60		4,80		3,01		2,03	1,00
1.85V	64,90	49,30	34,10	20,00	10,90		4,66		2,92		2,01	0,96

(Note) The above characteristics data are average values obtained within three charge/discharge cycle not the minimum values.

The battery must be fully charged before the capacity test. The C₂₀ should reach 95% after the first cycle and 100% after the third cycle.



(Note) All above information shall be changed without prior notice, IBS ITALIA reserves the right to explain and update the latest information.