



Specification

Nominal voltage	12 Volts
Rated capacity (C ₂₀ Hour rate)	200 Ampere Hour
Dimensions	Height Length Width
	263 mm 556 mm 186 mm
Weight ± 1.0 Kgs (approx.)	62.0 Kgs

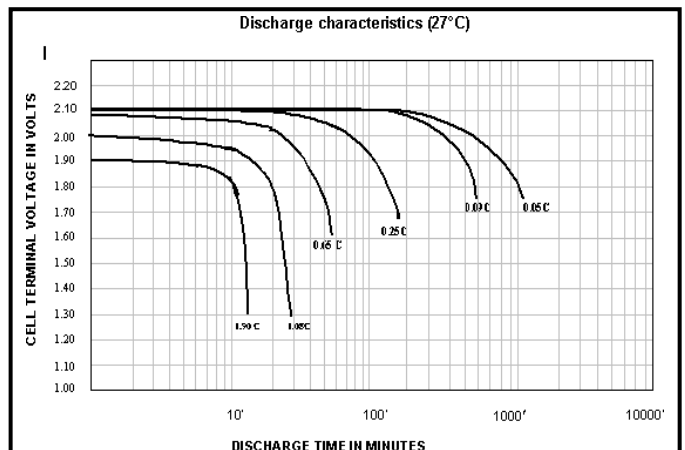
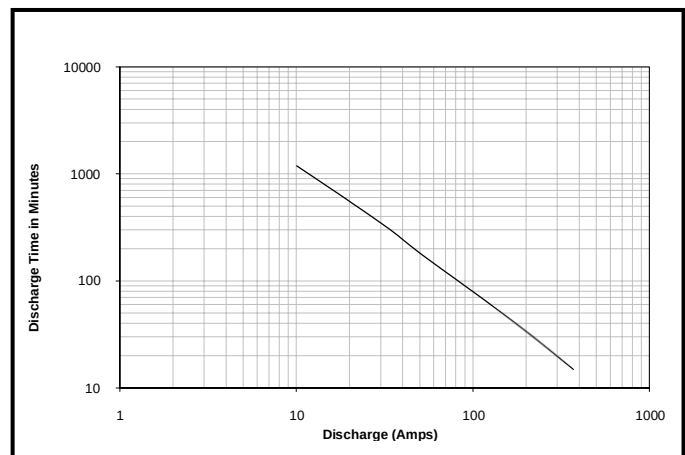
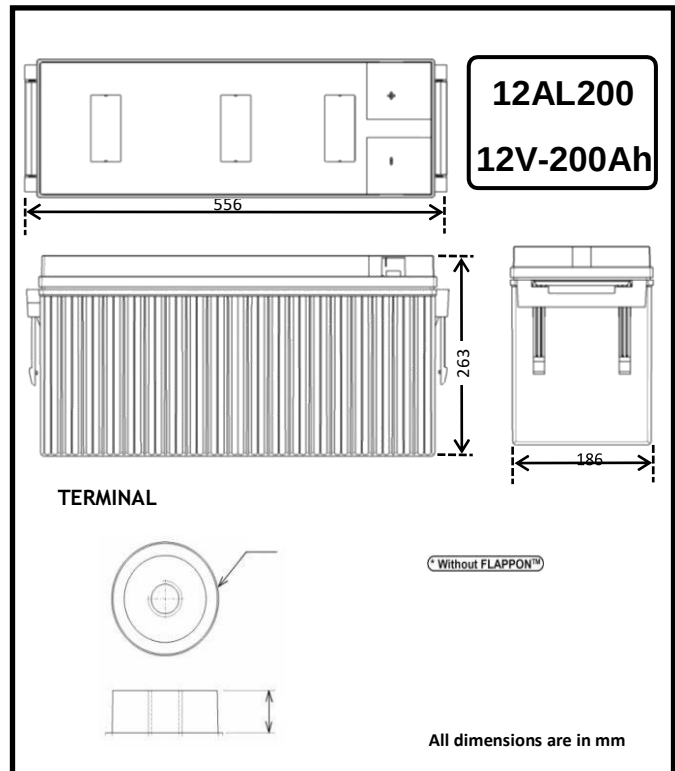
Characteristics *

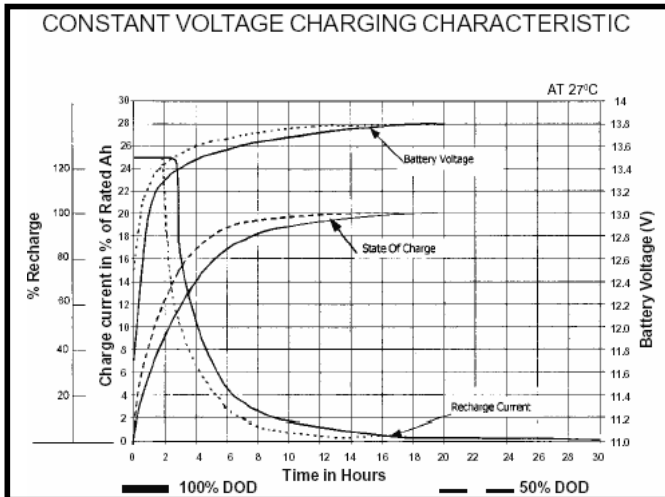
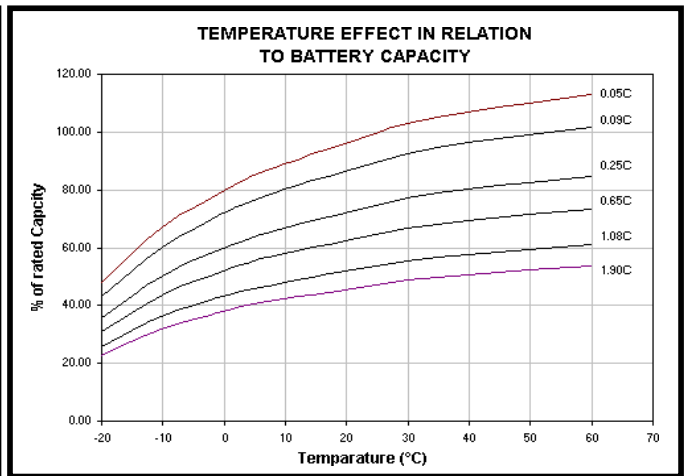
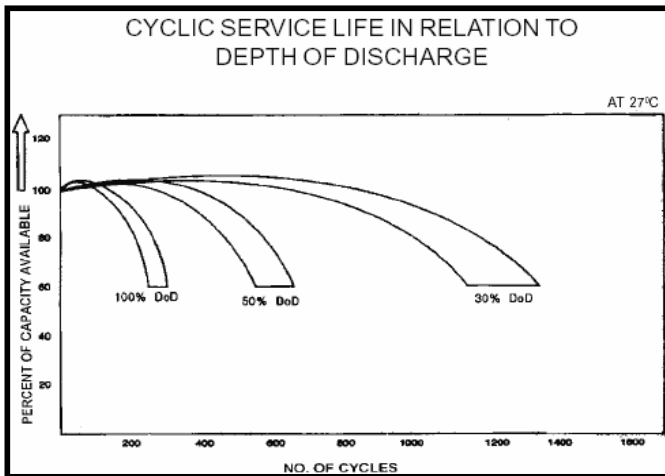
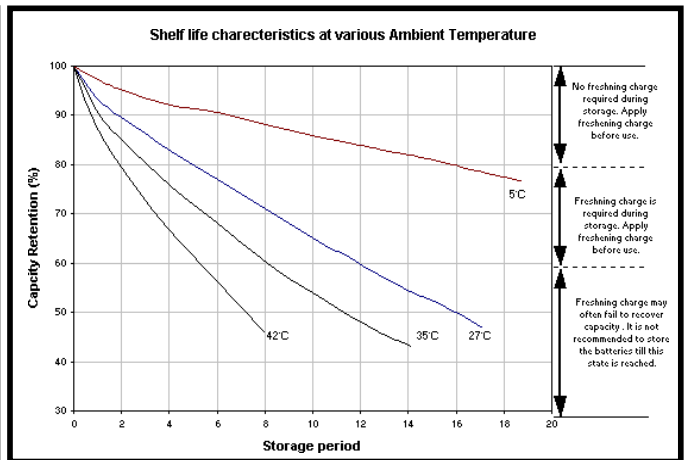
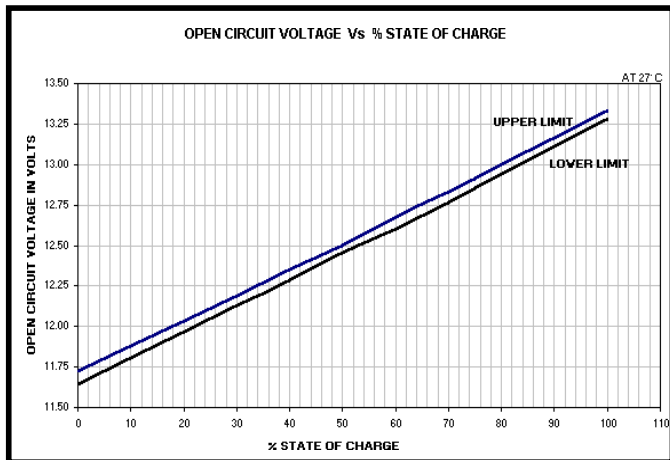
Capacity @ 81°F (27°C)	20 hour rate (10.0A) upto 10.5V 10 hour rate (18.6A) upto 10.5V 5 hour rate (34.3A) upto 10.2V 1 hour rate (126.6A) upto 9.6V 15 minute rate (370.4A) upto 7.8V	200.0 Ah 186.0 Ah 171.5 Ah 126.6 Ah 92.6 Ah
Internal resistance	Fully charged battery 81°F (27°C)	3.545 mΩ
Capacity affected (Temperature at C ₂₀ hour rate)	104°F (40°C) 81°F (27°C) 32°F (0°C) 5°F (-15°C)	110 % 100 % 80 % 60%
Self discharge 81°F (27°C)	Capacity after 3 month storage Capacity after 6 month storage	88 % 78 %
Terminal Type	M6 x 15 mm Bolted	
Short circuit current	3655 A	

Constant current discharge rating amperes @ 27 °C *

ECV	DURATION											
	5 min	10 min	15 min	20 min	30 min	60 min	2 hr	3 hr	5 hr	8 hr	10 hr	20 hr
1.30	714.3	465.1	370.4	294.1	219.8	135.1	-	-	-	-	-	-
1.55	666.7	454.5	363.6	285.7	217.4	129.9	-	-	-	-	-	-
1.60	625.0	425.5	327.9	266.7	200.0	126.6	78.8	53.8	37.0	23.0	19.5	10.7
1.70	588.2	408.2	322.6	263.2	198.0	125.0	72.4	50.6	34.3	22.0	18.9	10.2
1.75	571.4	400.0	317.5	256.4	196.1	122.0	71.4	50.5	34.2	21.9	18.6	10.0
1.80	555.6	392.2	307.7	250.0	192.3	119.0	70.9	50.2	33.9	21.7	18.5	9.9

* The above data are average values and can be obtained within three charge/discharge cycles





CAUTION:

- ✗ Avoid short circuit
- ✗ Don't charge in a sealed container

CHARGING METHODS:

Constant voltage charging at 27°C

- Stand by use : Charging voltage 13.5V/battery
- Max. Charging current : 25 % of rated Ah capacity
- Cyclic use : Charging voltage 13.8V/Battery
- Max. Charging current : 25 % of rated Ah capacity
- Temperature compensation : 18 mV/battery/°C

AMARARAJA BATTERIES LTD.

(An Amararaja – Johnson controls company)

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Quality systems certified to
EN ISO 14001:2004
ISO/TS 16949: 2002



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