



Specification

Nominal Voltage		12V
Rated Capacity (20 hour rate)		26Ah
Dimensions	Total Height (with terminals)	175mm
	Length	167mm
	Width	126mm
Weight		Approx. 9Kg

Characteristics* :

Capacity 770F (25°C)	20 hour rate (1.3A) upto 10.5V	26Ah
	10 hour rate (2.4A) upto 10.5V	24Ah
	5 hour rate (4.42A) upto 10.2V	22.1Ah
	1 hour rate (17A) upto 9.6V	17Ah
	15 minute Rate (49A) upto 7.8V	12.25Ah
Internal Resistance	Full charged Battery 81°F (27°C)	9.8mΩ
Capacity affected by (temperature (20 hour rate)	104°F (40°C)	110%
	81°F (27°C)	100%
	32°F (0°C)	80%
	5°F (-15°C)	60%
Self discharge 88°F (27°C)	Capacity after 3 month storage	88%
	Capacity after 6 month storage	78%
Terminal	B6	
Max. discharge current 81°F (27°C)	390 A (5S)	
Short circuit current	1278.5 A	

Constant power discharge rating watts per battery at 27°C *

ECV	TIME									
	5min	10min	15min	20min	30min	60min	2hrs	3hrs	5hrs	8hrs
1.8	910	638	498	408	302	193	116	79	53	34
1.7	1010	707	538	440	320	202	118	80	54	35
1.6	1067	716	557	456	340	211	120	82	56	36

CONSTANT CURRENT DISCHARGE RATINGS-AMPERES AT 27°C*

Duration ECV	5min	10min	15min	20min	30min	60min	2hrs	3hrs	5hrs	8hrs	10hrs	20hrs
1.3	104.00	65.00	50.00	40.00	28.89							
1.55	92.86	60.47	48.15	38.24	28.57	17.57						
1.6	86.38	58.72	46.93	37.25	28.26	16.88	10.24	7.00	4.82	2.99	2.53	1.39
1.7	78.08	55.14	42.90	34.53	26.00	16.46	9.41	6.58	4.46	2.86	2.47	1.32
1.75	76.47	53.06	41.94	34.21	25.74	16.25	9.29	6.57	4.44	2.84	2.42	1.30
1.8	73.65	52.00	41.27	33.33	25.49	15.55	9.22	6.53	4.41	2.83	2.41	1.29

* The above data are average values, and can be obtained within 3 charge / discharge cycles.

DIMENSIONS*

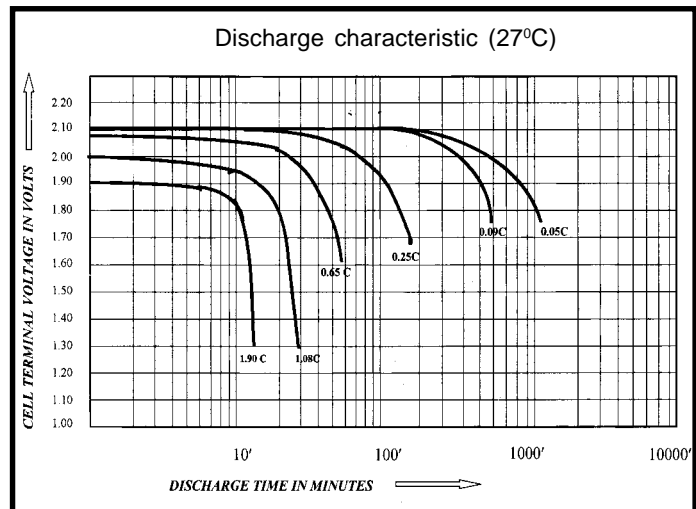
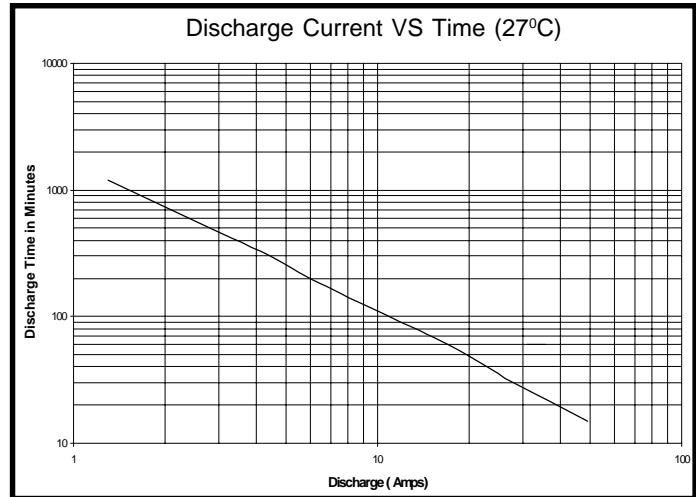
**12AL026
12V-26Ah**

TERMINAL

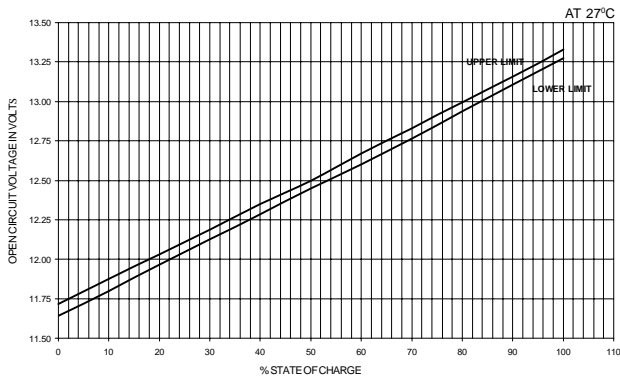
*** Without FLAPPON™**

MS x 20 Bolt & Nut

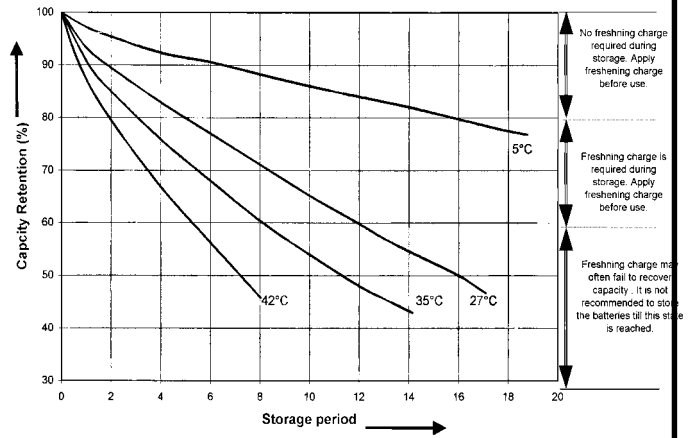
Dimensions in mm



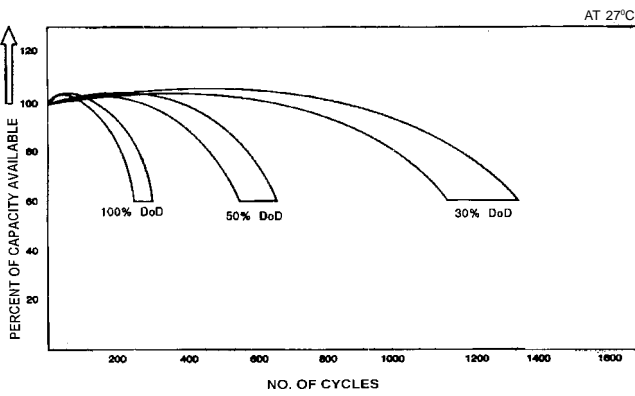
OPEN CIRCUIT VOLTAGE VS % STATE OF CHARGE



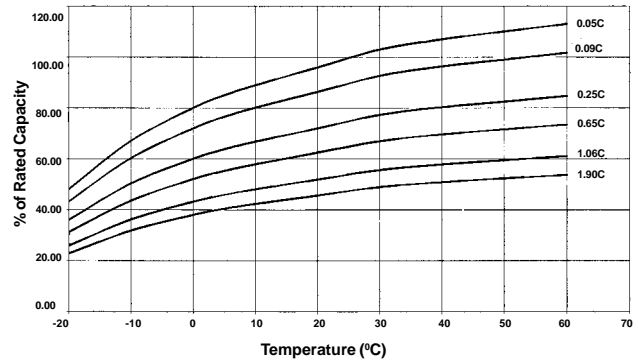
SELF DISCHARGE CHARACTERISTIC



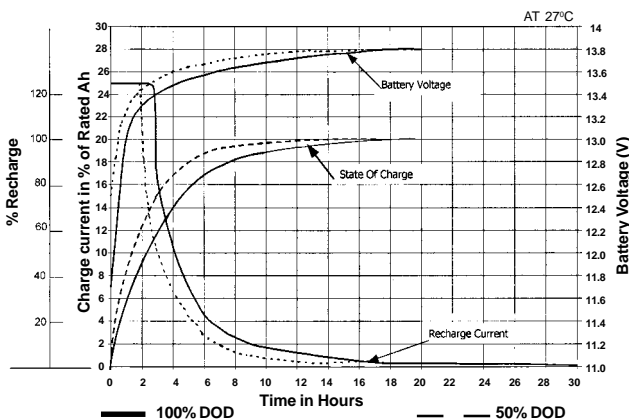
CYCLIC SERVICE LIFE IN RELATION TO DEPTH OF DISCHARGE



TEMPERATURE EFFECT IN RELATION TO BATTERY CAPACITY



CONSTANT VOLTAGE CHARGING CHARACTERISTIC



CHARGING METHODS:

Constant Voltage Charging at 27°C.

Standby use	:charging voltage 13.5volts/Battery
Max.Charging current	:25% of rated capacity
Cyclic use	:Charging voltage 13.8volts/Battery
Max.Charging current	:25% of rated capacity
Temperature compensation	:-5 mV / °C

AMARA RAJA BATTERIES LTD.

(An Amara Raja - Johnson Controls Company)

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CAUTION :

-  Avoid short circuit
-  Do not charge in a sealed container.

Quality Systems Certified to
EN ISO 9001: 1994
QS-9000:1998
EN ISO 14001:1996



LONG LIFE UPS BATTERY FROM THE MAKERS OF **AMARA**