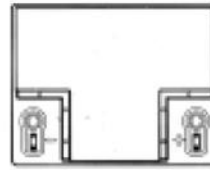




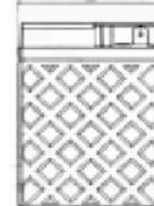
DIMENSIONS*



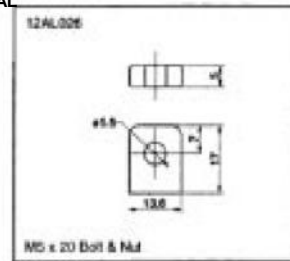
12AL026
12V-26Ah

167

126



TERMINAL



* Without FLAPPON™

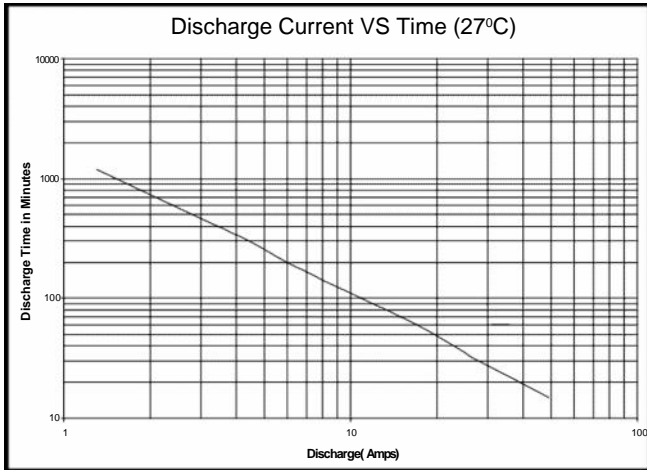
Dimensions in mm

Specification

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

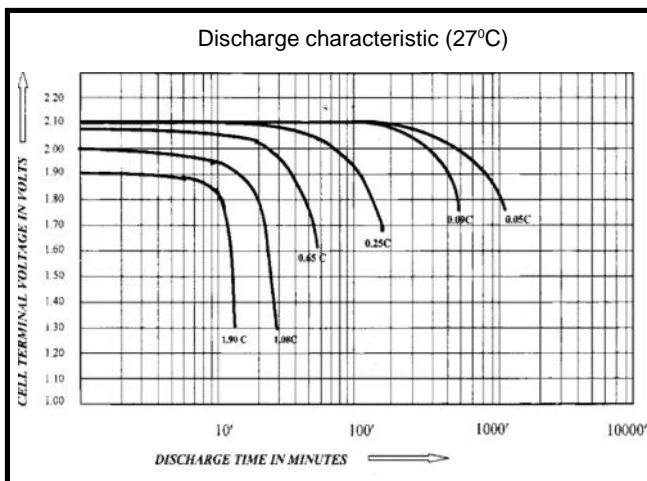
Characteristics* :

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%
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

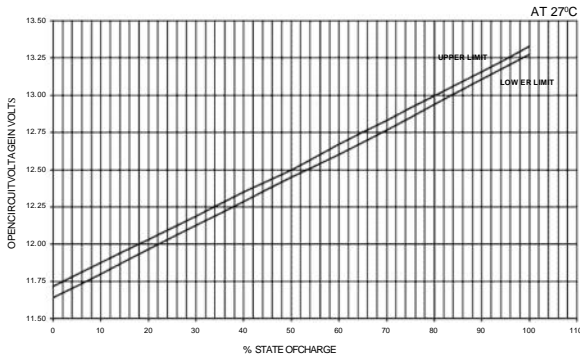


CONSTANT CURRENT DISCHARGE RATINGS-AMPERES AT 27°C*

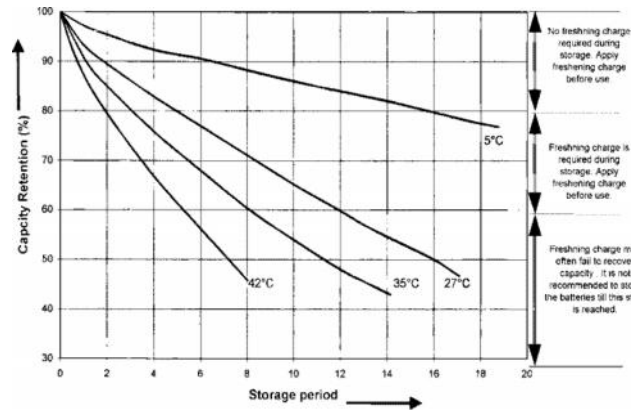
Duration ECV	Duration											
	5min	10min	15min	20min	30min	60min	2hrs	3hrs	5hrs	8hrs	10hrs	20hrs
1.3	104.00	65.00	50.00	40.00	28.89							
1.55	92.86	60.47	48.15	38.24	28.57	17.57						
1.6	86.38	58.72	46.93	37.25	28.26	16.88	10.24	7.00	4.82	2.99	2.53	1.39
1.7	78.08	55.14	42.90	34.53	26.00	16.46	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.

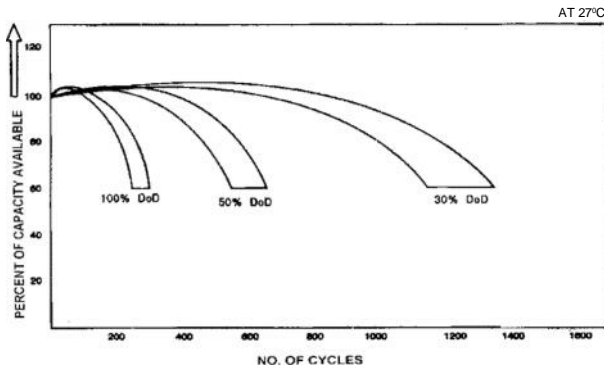
OPEN CIRCUIT VOLTAGE VS % STATE OF CHARGE



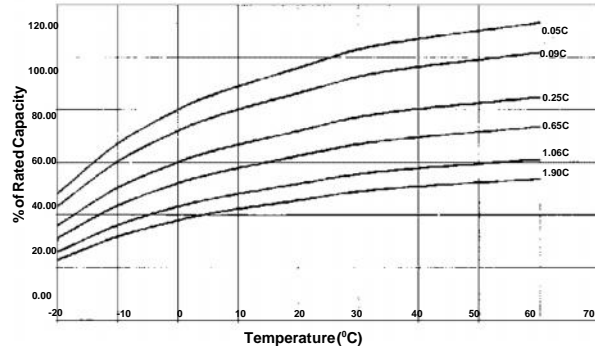
SELF DISCHARGE CHARACTERISTIC



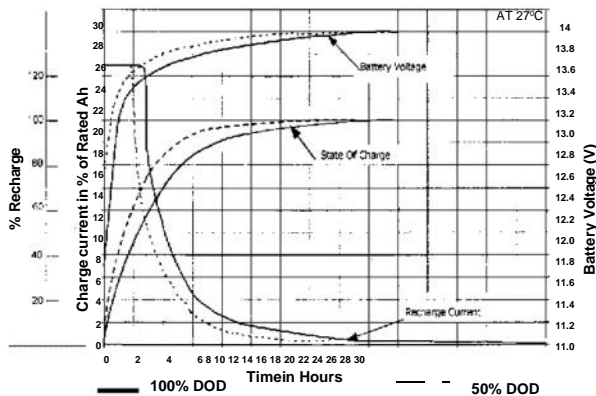
CYCLIC SERVICE LIFE IN RELATION TO DEPTH OF DISCHARGE



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)

Costa Power Industries Pvt Ltd

201, Sainath Prasad Building, Opp. Kasturi Plaza,
Station Road, Dombivali - East 421201

Contact No. - 9820710392

Email:- sales@upsbatteriesindia.com/
sunil@upsbatteriesindia.com

CAUTION :

Avoid short circuit
Do not charge in a sealed container.

LONG LIFE UPS BATTERY FROM THE MAKERS OF

