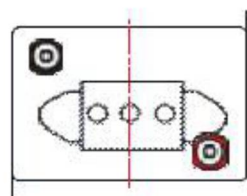
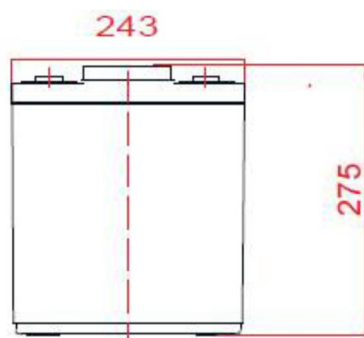




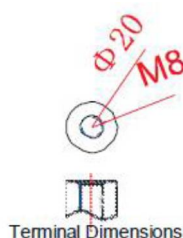
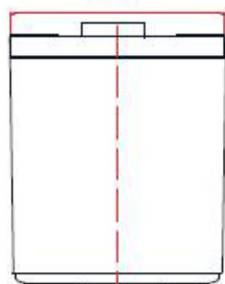
DATASHEET DCEV 225-6

6 V 225 A H
GEL SEALED VRLA BATTERY
LONG LIFE 12 YEARS OF EXPECTED LIFETIME

(EUROBAT)



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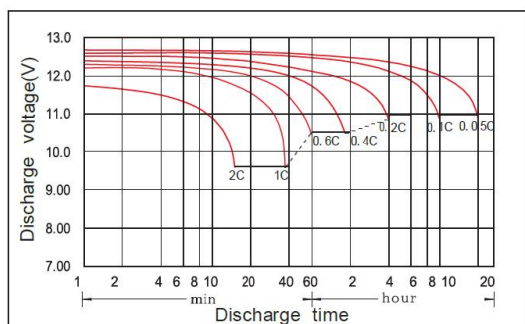
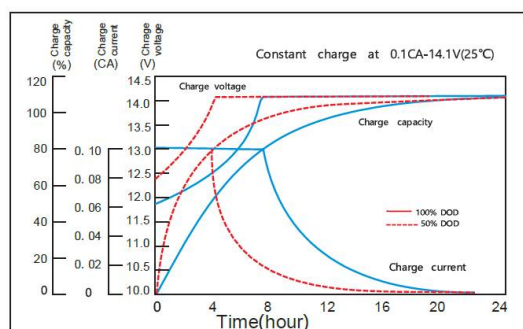
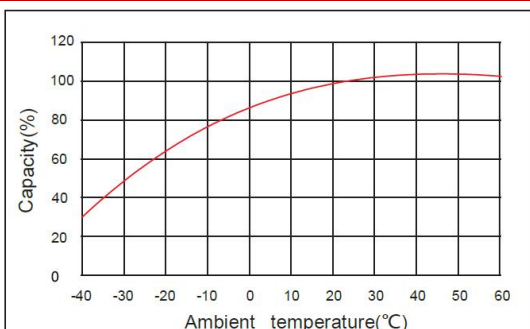
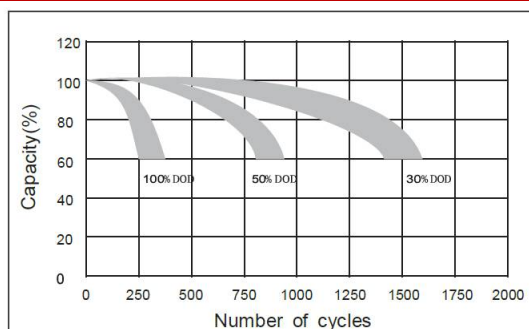
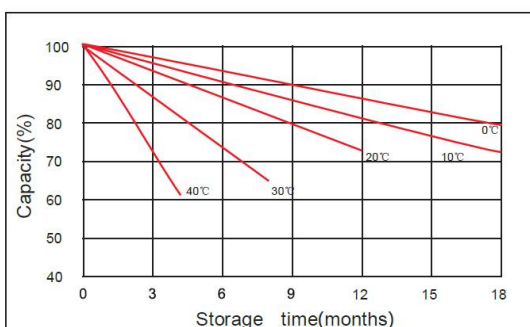
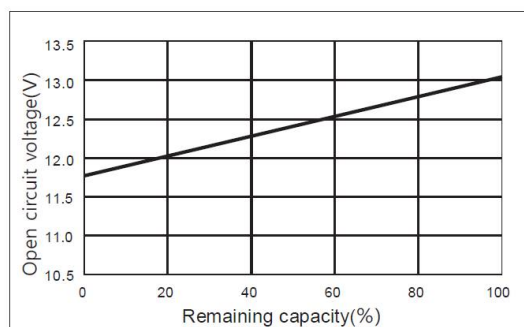
SPECIFICATIONS

Nominal Voltage	6V	
Nominal Capacity	225Ah	
Terminal	M8	
Approx. Weight	Approx 31.5kg (69.5lbs)	
Container Material	ABS UL94 V0	
Dimensions	Length	243 ± 2 mm (9,56 inches)
	Width	188 ± 2 mm (7,40 inches)
	Container Height	275 ± 2 mm (10,82 inches)
	Total Height (with terminal)	275 ± 2 mm (10,82 inches)
Rated Capacity	225 Ah	10 hr (22,5A to 5,4V, 25°C)
	182 Ah	3 hr (60,5A to 5,4V, 25°C)
	147 Ah	1 hr (147A to 5,25V, 25°C)
Max. Discharge Current	2.700,0 A (5 s)	
Internal Resistance	Full charged at 25°C: 1,8 mΩ	

Operating Temperature	Discharge	-40 ÷ 60°C (-40 ÷ 140°F)
	Charge	-20 ÷ 50°C (-4 ÷ 122°F)
	Storage	-20 ÷ 50°C (-4 ÷ 122°F)

Charge method (25°C)	Charge current	Max.56.3A ; Recom.22.5A
	Float Charge	6.75-6.90V, recom.6.75V(-9mV/ °C)
	Equalize charge	6.90-7.05V, recom.7.05V(-12mV/ °C)
	Cycle charge	7.20-7.50V, recom.7.20V(-15mV/ °C)
Self discharge	3% of capacity declined per month at 25°C	



DISCHARGE CHARACTERISTIC

CHARGING CHARACTERISTIC

THE EFFECT OF TEMPERATURE ON CAPACITY

THE EFFECT OF DISCHARGE DEPTH ON CYCLE LIFE

CURVES OF SELF-DISCHARGE

CURVES OF OPEN CIRCUIT VOLTAGE VS. CAPACITY

Constant Current Discharge Characteristics
Unit: A (25°C, 77°F)

FV/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	425	259	152	86.9	63.0	42.5	27.8	23.4	12.3
1.65V	413	255	150	86.3	62.4	41.9	27.6	23.2	12.2
1.70V	405	250	150	85.8	61.6	41.3	27.3	23.0	12.2
1.75V	391	248	147	84.4	60.8	41.1	27.1	22.7	12.1
1.80V	366	237	143	83.0	60.5	39.9	26.9	22.5	12.0
1.85V	326	217	133	78.8	56.8	38.0	25.8	21.8	11.8

Constant Power Discharge Characteristics
Unit: W/cell (25°C, 77°F)

FV/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	751	470	287	164	120	80.2	54.0	45.0	24.3
1.65V	737	464	284	164	118	79.9	53.4	44.4	24.2
1.70V	728	464	281	163	118	79.0	53.4	44.2	24.1
1.75V	723	461	280	162	117	78.8	52.9	43.6	24.0
1.80V	683	450	278	162	117	77.9	52.6	43.3	23.9
1.85V	610	413	258	155	111	74.3	50.6	42.5	23.6