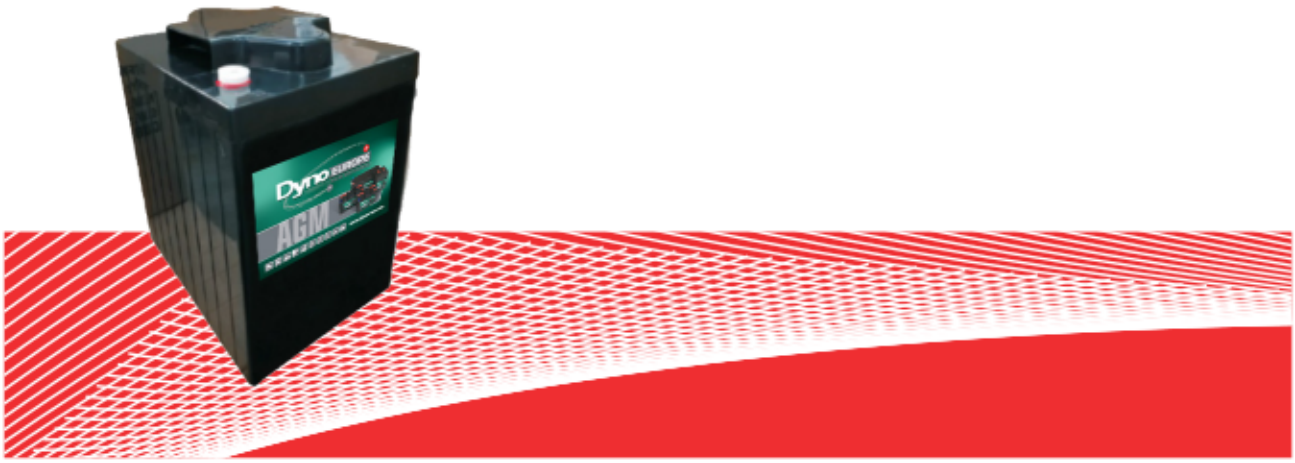
TECHNICAL DATA SHEET

DAB6-225EV



Applications

- Electric vehicle
- Electric wheelchair
- Electric scooter
- Electric play car for children
- Garbage truck
- Patrol car

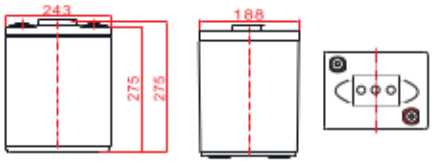
General Features

- High Corrosion Resistant Performance: Pb-Ca multi-alloy grid
- High Energy Density and Power Density
- Excellent Charge Acceptance Ability
- Strong High and Low Temperature Performance
- Optimized Capability of instant High-current Discharging

Specification

Nominal Voltage	6V
Nominal Capacity	225Ah
Design life	5 years
Terminal	M8
Approx. Weight	Approx32.0kg (70.6lbs)
Container Material	ABS
Rated Capacity	242 Ah 20Hour Rate (12.1 A to 5.25V) 225 Ah 10Hour Rate (22.5 A to 5.25V) 205 Ah 5Hour Rate (41.1 A to 5.25V)
Operating Temperature	Discharge: -20 ~50℃(-4~ 122°F) Charge: -20 ~50℃(-4~ 122°F) Storage: -20 ~50℃(-4~ 122°F)
Charge Method (25 °C)	Charge current: Max.45.0 A Float Charge: 6.75 -6.90 V,recom.6.90 V(-9mV/ °C) Cycle charge:7.14 -7.20 V,recom.7.20 V(-15mV/ °C)
Self discharge	3% of capacity declined per month at 25°C

Dimension:243(L)×188(W) ×275(H)×275(TH) Unit: mm



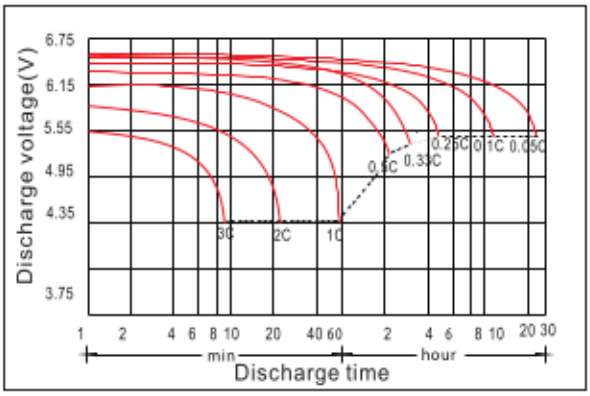


Terminal Dimensions

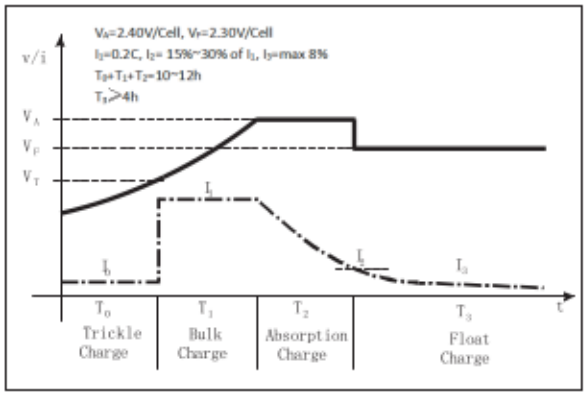
TECHNICAL DATA SHEET

DAB6-225EV

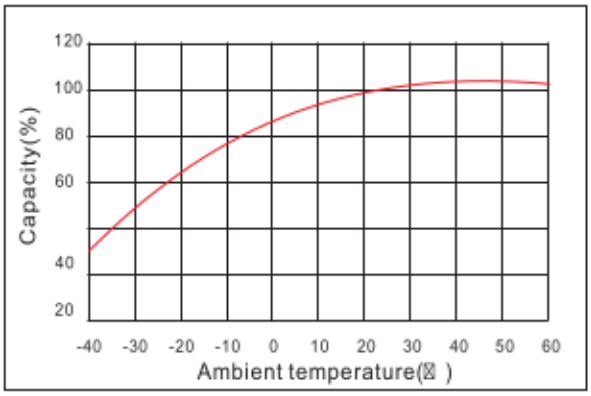
Discharge characteristic



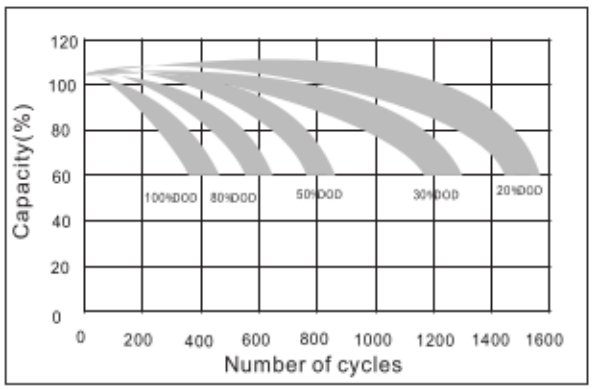
Charging characteristic



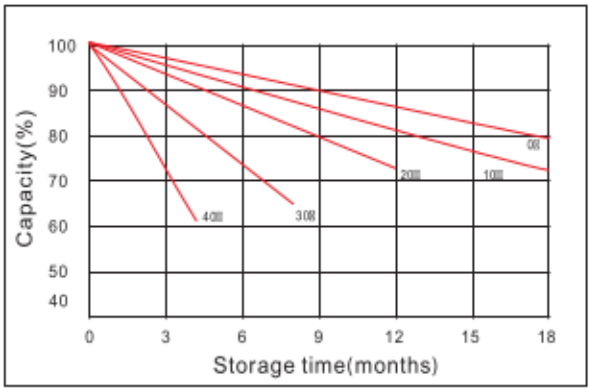
The effect of temperature on capacity



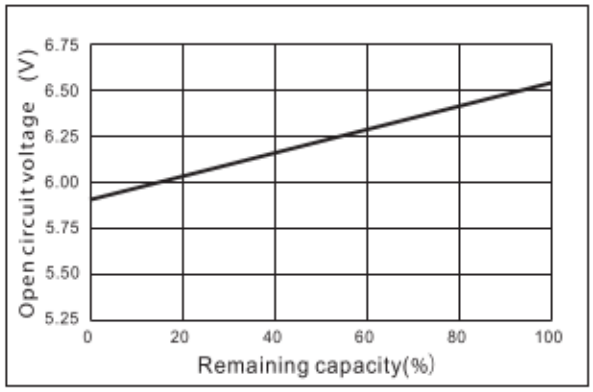
The effect of discharge depth on cycle life



Curves of self-discharge



Curves of open circuit voltage vs. capacity



TECHNICAL DATA SHEET

DAB6-225EV

Constant Current Discharge Characteristics Unit: A (25°C, 77°F)										
FV/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	793	425	259	152	86.9	63.0	42.5	27.8	23.4	12.3
1.65V	768	413	255	150	86.3	62.4	41.9	27.6	23.2	12.2
1.70V	737	405	250	150	85.8	61.6	41.3	27.3	23.0	12.2
1.75V	678	391	248	147	84.4	60.8	41.1	27.1	22.7	12.1
1.80V	608	366	237	143	83.0	60.5	39.9	26.9	22.5	12.0
1.85V	543	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	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	1330	751	470	287	164	120	80.2	54.0	45.0	24.3
1.65V	1280	737	464	284	164	118	79.9	53.4	44.4	24.2
1.70V	1271	728	464	281	163	118	79.0	53.4	44.2	24.1
1.75V	1187	723	461	280	162	117	78.8	52.9	43.6	24.0
1.80V	1088	683	450	278	162	117	77.9	52.6	43.3	23.9
1.85V	973	610	413	258	155	111	74.3	50.6	42.5	23.6

Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information

Charger recommendations

Type of charger	Zivan	AQHF WP	AQHF24-30FC G2
Matching profile	AGM =BA1+CU2	AMG SLA	AGM

Max. charging current 2.4Vpc