

# 12V 240Ah (C20)-VRLA YGE-SDC Series

## Specifications

Rated Voltage	12V	
Nominal Capacity	240Ah	C <sub>20</sub> , 1.75V/cell
Dimension	Length	518 mm (20.39 inch)
	Width	274 mm (10.79 inch)
	Height except terminal	216 mm (8.50 inch)
	Total Height	236 mm (9.29 inch)
Approx. Weight	73 kg	
Terminal	Round(DIN 72311-4)	
Container Material	Reinforced PP	
Rated Capacity	240 Ah	(20hr, 12A, 1.75V/Cell)
	220 Ah	(10hr, 22A, 1.8V/Cell)
	200 Ah	(5hr, 40A, 1.7V/Cell)
	186 Ah	(3hr, 62 A, 1.7V/Cell)
Cold Cranking Current	(EN)	1200 A
Cold Cranking Current	(SAE)	1300 A
Reserve Capacity	550 min	
Battery Classification (50342-1)	Water Consumption	W4
	Charge Retention	C2
	Vibration Resistance	V3/V4
	Endurance Level	E4
Internal Resistance @25°C(77°F)	Approx 2,25 [mΩ]	
Normal Operating Temp. Range	25±5°C (77±5°F)	
Cycle Use	Recommended Max. Charging Current <20% of the C <sub>n</sub>	
	Voltage 14.4V~14.8V at 25°C (77°F)Temp. Coefficient -30mV/°C	
Standby Use	Recommended Max. Charging Current <20% of the C <sub>n</sub>	
	Voltage 13.5V~13.8V at 25°C (77°F)Temp. Coefficient -20mV/°C	
Effect of temp. to Capacity	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	SDC series batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter	



## Applications

- Construction Machinery
- Trucks
- Buses
- Agricultural Machinery
- Military Vehicles



IATF 16949



ISO 9001



ISO 14001



ISO 45001

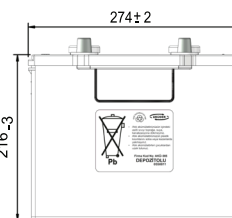


ISO 10002

## General Features

- Superior performance
- Ultra reserve capacity
- High cycle ability in deep discharges
- Superior resistance to deep discharges
- Superior cranking power (improved active material to maximise grid surface)
- Ideal for new generations vehicles with extensive electronic equipment ( supply high energy demand)
- Ultra high vibration resistance
- Special alloy that ensures the corrosion resistance grids and the conductivity of the active material.
- Maintenance free, recombination (VRLA) type
- Robust and reliable design with hotmelt fixing of plate groups

## Layout



- Terminal Tipi (DIN 72311-4)

