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

Specifications

Rated Voltage		12V
Nominal Capacity	240Ah	C_{20}, 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, 62A, 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±5ºC (77±5ºF)
Cycle Use	Recommended Max. Charging Current <%20 of the C_n Voltage 14.4V~14.8V at 25ºC (77°F)Temp. Coefficient -30mV/ºC	
Standby Use	Recommended Max. Charging Current <%20 of the C_n Voltage 13.5V~13.8V at 25ºC (77ºF)Temp. Coefficient -20mV/ºC	
Effect of temp. to Capacity	40ºC (104ºF)	103%
	25ºC (77ºF)	100%
	0ºC (32ºF)	86%
Self Discharge	SDC series batteries may be stored for up to 6 months at 25ºC(77ºF) 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