

# Motive Power Batteries (YGD Series)

## General Features

- Oxygen recombination technology: Maintenance Free VRLA
- Battery, no need to add water or acid
- The patent grid alloy: less gassing, low self-discharge, excellent corrosion resistance performance
- Special paste formula: additives are added to improve deep discharge, long cycle life
- High quality AGM separator: extend cycle life and prevent micro short circuit
- The patent Nano silica gel electrolytes, extend cycle life and improve the deep discharge performance
- ABS container: increase the strength of battery

## Applications


- Electric tools or toys
- Electric Bicycle/Tricycle
- Golf trolleys and golf cart
- Patrol car
- Electric Sight-seeing Tour Bus
- Sweeper
- Wheelchairs
- Lawn mowers
- Illumination light



**12V 14Ah (C20) VRLA Motive Power (E-Bike) Battery**

Design Number	YGD12-14
Length (mm)	151,00
Width (mm)	99,00
Height (mm)	98-103
H <sub>1</sub> -H <sub>2</sub>	
C20 (Ah)	14,00
C10 (Ah)	13,00
Weight ±%3 (kg)	4,30


Terminal Type **T2**



**12V 24Ah (C20) VRLA Motive Power (E-Bike) Battery**

Design Number	YGD12-24
Length (mm)	181,00
Width (mm)	77,00
Height (mm)	169-170
H <sub>1</sub> -H <sub>2</sub>	
C20 (Ah)	24,00
C10 (Ah)	22,30
Weight ±%3(kg)	6,45


Terminal Type **T12**



**12V 42Ah (C20) VRLA Motive Power Battery**

Design Number	YGD12-42
Length (mm)	195,00
Width (mm)	130,00
Height (mm)	158-162
H <sub>1</sub> -H <sub>2</sub>	
C20 (Ah)	42,00
C10 (Ah)	40,00
Weight ±%3 (kg)	10,90


Terminal Type **T12**



**12V 50Ah (C20) VRLA Motive Power Battery**

Design Number	YGD12-50
Length (mm)	199,00
Width (mm)	166,00
Height (mm)	174-174
H <sub>1</sub> -H <sub>2</sub>	
C20 (Ah)	50,00
C10 (Ah)	45,00
Weight ±%3 (kg)	13,90


Terminal Type **T6**



**12V 75Ah (C20) VRLA Motive Power Battery**

Design Number	YGD12-75
Length (mm)	262,00
Width (mm)	165,00
Height (mm)	170-170
H <sub>1</sub> -H <sub>2</sub>	
C20 (Ah)	75,00
C10 (Ah)	68,00
Weight ±%3 (kg)	20,00


Terminal Type **T6**



**12V 90Ah (C20) VRLA Motive Power Battery**

Design Number	YGD12-90
Length (mm)	260,00
Width (mm)	168,00
Height (mm)	210-210
H <sub>1</sub> -H <sub>2</sub>	
C20 (Ah)	90,00
C10 (Ah)	81,90
Weight ±%3 (kg)	23,50


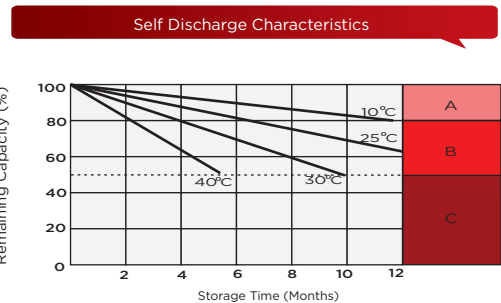
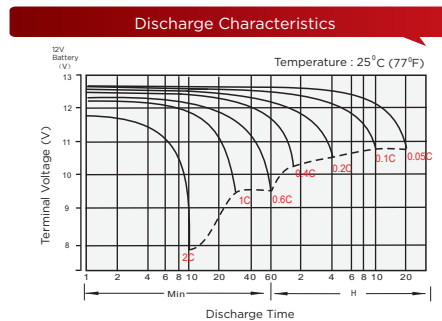
Terminal Type **T6**



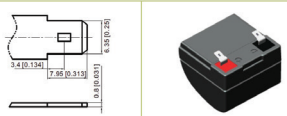
**12V 125Ah (C20) VRLA Motive Power Battery**

Design Number	YGD12-125
Length (mm)	330,00
Width (mm)	171,00
Height (mm)	214-214
H <sub>1</sub> -H <sub>2</sub>	
C20 (Ah)	125,00
C10 (Ah)	113,00
Weight ±%3 (kg)	32,50

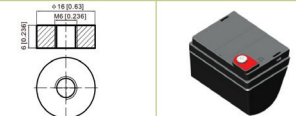
Terminal Type **T11**

**T2 Terminal** FASTON TYPE (Copper) quick disconnect tabs; silver coating for better conductivity



**T6 Terminal** Lead Torque: 11 - 14,7 N\*m(9,728 - 130,0 in\*lbs)



**T11 Terminal** Brass Coated With Tin; Threaded Insert 8mm STUD Torque: 11 - 14,7 N\*m(9,728 - 130,0 in\*lbs)



**T12 Terminal** Brass Coated With Tin; Threaded Insert 5mm STUD Torque: 2,0 - 3,0 N\*m(17,88 - 26,53 in\*lbs)

