



INDUSTRIAL BATTERY SOLUTIONS 2025



About LEOCH BATTERIES

- Established in 1999 - globally recognized leader in industrial batteries
- Available in over 130 countries and regions worldwide.
- Global Head Office in Singapore
- 16 state-of-the-art manufacturing facilities, spanning a total area of 1.5 million square meters.
- 80 local service companies
- 16,000 employees globally
- 1,500 highly skilled Research & Development and technical experts.
- 3000 products available
- Cutting-edge research and development to high grade manufacturing and comprehensive services.

26.7 GWh

Annual Capacity

130+

Regions

16,000+

Employees Worldwide

Battery Solutions in

- Energy Storage Systems
- Telecom Power Solutions
- Data Center Power Solutions
- Starting Power Solutions
- Motive Power Solutions
- Battery Recycling



3000+

PRODUCT CATEGORIES



4000

CONTAINERS/MONTH

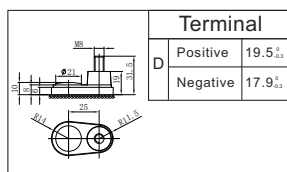
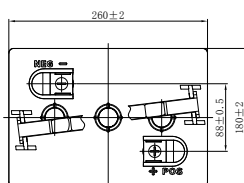
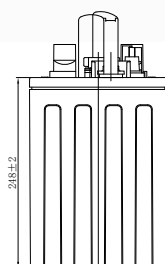
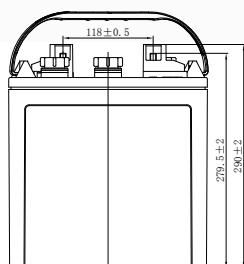


1000+

PATENTS

DT SERIES FLOODED BATTERY

DT146 (6V260Ah)



CHARACTERISTICS

Item	Specifications	
Voltage	6V	
Dimension	Length	260mm (10.2inches)
	Width	180mm (7.09inches)
	Container Height	248mm (9.76inches)
	Total Height	279.5mm (11.0inches)
Approx Weight	30.4kg (67.0lbs)	
Terminal	DT-M8(A)	
Container Material	PP	
Rated Capacity	20HR	260Ah
	5HR	215Ah
Reserve Capacity	25A	530min
	75A	145min

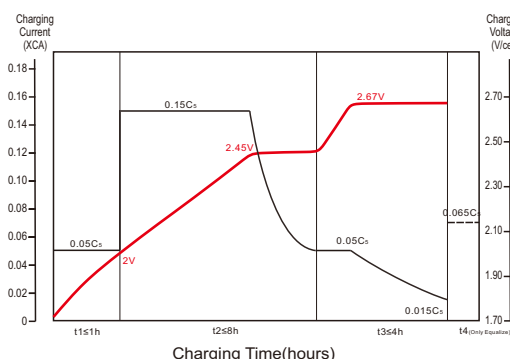
GENERAL FEATURES

- Long cycle service life, strong recovery ability of deep discharge
- Low risk of thermal runaway, easy maintenance
- High energy, low internal resistance, low self-discharge
- Reliable sealing structure ensures no leakage during use
- Special design and structure increase battery performance
- The special alloy improves the corrosion resistance of the plate increases the service life and good deep discharge performance

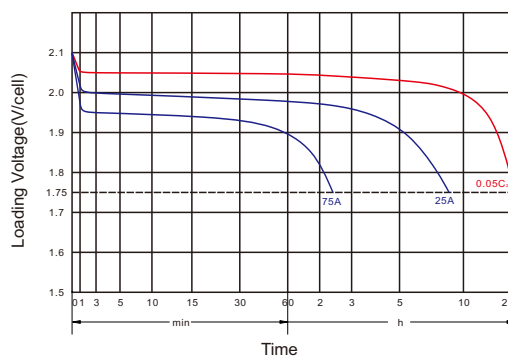
APPLICATIONS

- Electric vehicle
- Golf cart
- Sightseeing bus
- Cleaning equipment
- AWP
- Marine&RV

Charging Characteristics



Discharge Characteristics



Designed in compliance with applicable BCI standard.
Tested in compliance to BCI standard.

Leoch International Technology Ltd.

www.leoch.com

Leoch Batteries Pte Ltd

www.leoch.sg

Leoch Battery Corporation

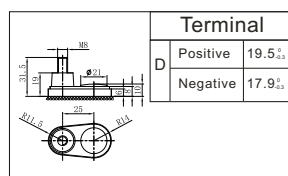
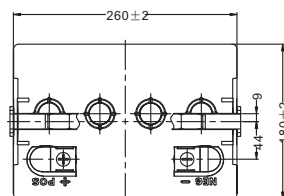
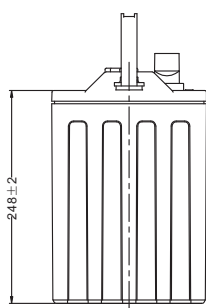
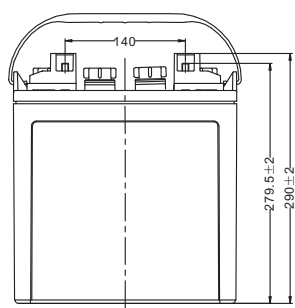
www.leoch.us

Leoch Europe S.A.

www.leoch.eu

DT SERIES FLOODED BATTERY

DT896 (8V190Ah)



CHARACTERISTICS

Item	Specifications	
Voltage	8V	
Dimension	Length	260mm (10.2inches)
	Width	180mm (7.09inches)
	Container Height	248mm (9.76inches)
	Total Height	279.5mm (11.0inches)
Approx Weight	31.5kg (69.4lbs)	
Terminal	DT-M8(A)	
Container Material	PP	
Rated Capacity	20HR	190Ah
	5HR	155Ah
Reserve Capacity	25A	340min
	56A	132min

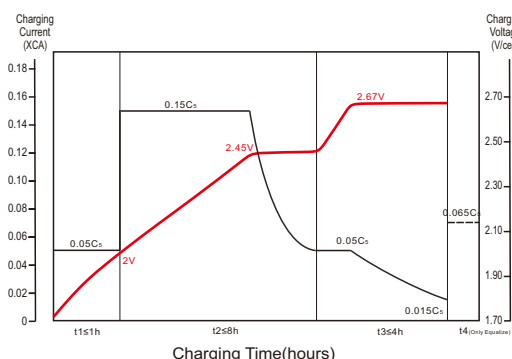
GENERAL FEATURES

- Long cycle service life, strong recovery ability of deep discharge
- Low risk of thermal runaway, easy maintenance
- High energy, low internal resistance, low self-discharge
- Reliable sealing structure ensures no leakage during use
- Special design and structure increase battery performance
- The special alloy improves the corrosion resistance of the plate increases the service life and good deep discharge performance

APPLICATIONS

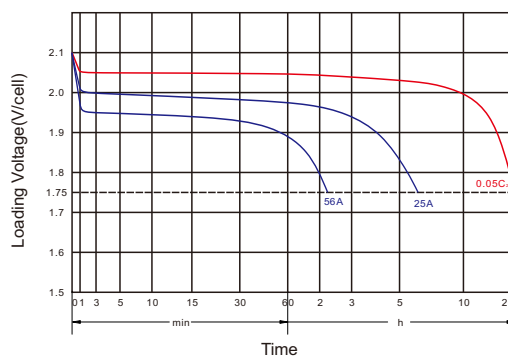
- Electric vehicle
- Golf cart
- Sightseeing bus
- Cleaning equipment
- AWP
- Marine&RV

Charging Characteristics



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Tested in compliance to BCI standard.

Discharge Characteristics



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DT SERIES FLOODED BATTERY

DT-J305 (6V330Ah)



CHARACTERISTICS

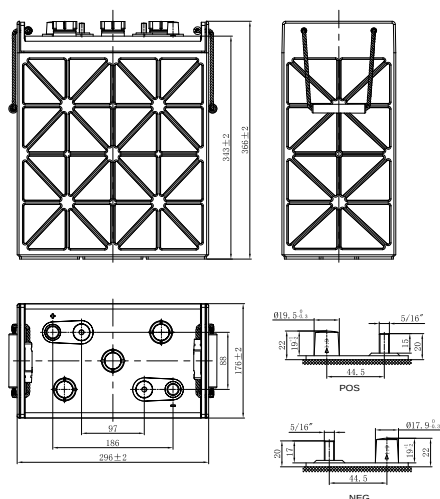
Item	Specifications	
Voltage	6V	
Dimension	Length	296mm (11.7inches)
	Width	176mm (6.93inches)
	Container Height	343mm (13.5inches)
	Total Height	366mm (14.4inches)
Approx Weight	42kg (92.6lbs)	
Terminal	DT(5/16")	
Container Material	PP	
Rated Capacity	20HR	330Ah
	5HR	271Ah
Reserve Capacity	25A	711min
	75A	195min

GENERAL FEATURES

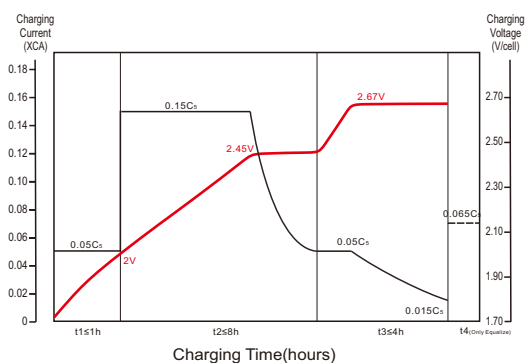
- Long cycle service life, strong recovery ability of deep discharge
- Low risk of thermal runaway, easy maintenance
- High energy, low internal resistance, low self-discharge
- Reliable sealing structure ensures no leakage during use
- Special design and structure increase battery performance
- The special alloy improves the corrosion resistance of the plate increases the service life and good deep discharge performance

APPLICATIONS

- Electric vehicle
- Golf cart
- Sightseeing bus
- Cleaning equipment
- AWP
- Marine&RV

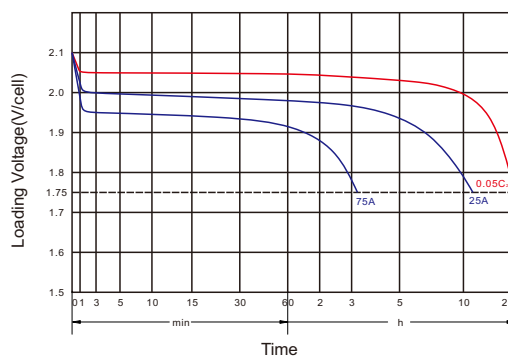


Charging Characteristics



Designed in compliance with applicable BCI standard.
Tested in compliance to BCI standard.

Discharge Characteristics



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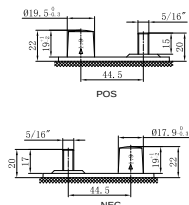
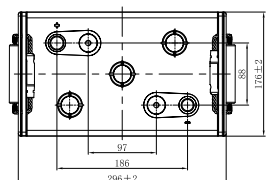
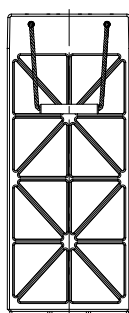
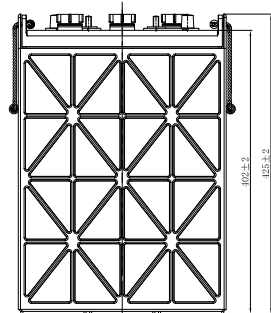
www.leoch.us

Leoch Europe S.A.

www.leoch.eu

DT SERIES FLOODED BATTERY

DT-L16 (6V420Ah)



CHARACTERISTICS

Item	Specifications	
Voltage	6V	
Dimension	Length	296mm (11.7inches)
	Width	176mm (6.93inches)
	Container Height	402mm (15.8inches)
	Total Height	425mm (16.7inches)
Approx Weight	52kg (114.6lbs)	
Terminal	DT(5/16")	
Container Material	PP	
Rated Capacity	20HR	420Ah
	5HR	344Ah
Reserve Capacity	25A	850min
	75A	220min

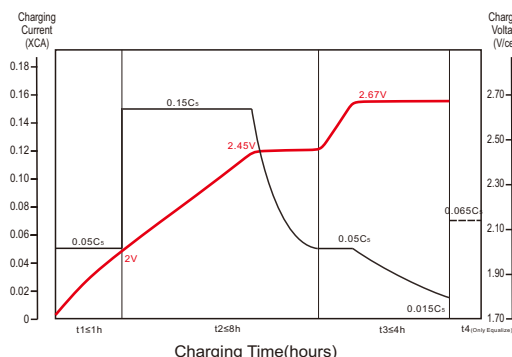
GENERAL FEATURES

- Long cycle service life, strong recovery ability of deep discharge
- Low risk of thermal runaway, easy maintenance
- High energy, low internal resistance, low self-discharge
- Reliable sealing structure ensures no leakage during use
- Special design and structure increase battery performance
- The special alloy improves the corrosion resistance of the plate increases the service life and good deep discharge performance

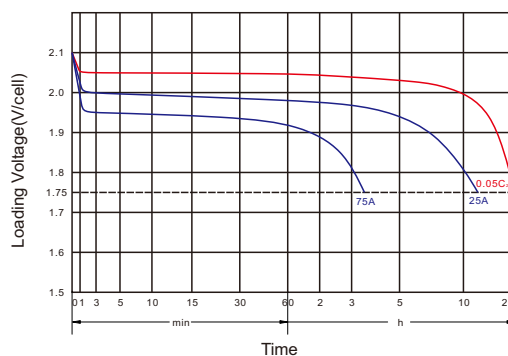
APPLICATIONS

- Electric vehicle
- Cleaning equipment
- Golf cart
- AWP
- Sightseeing bus
- Marine&RV

Charging Characteristics



Discharge Characteristics



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Tested in compliance to BCI standard.

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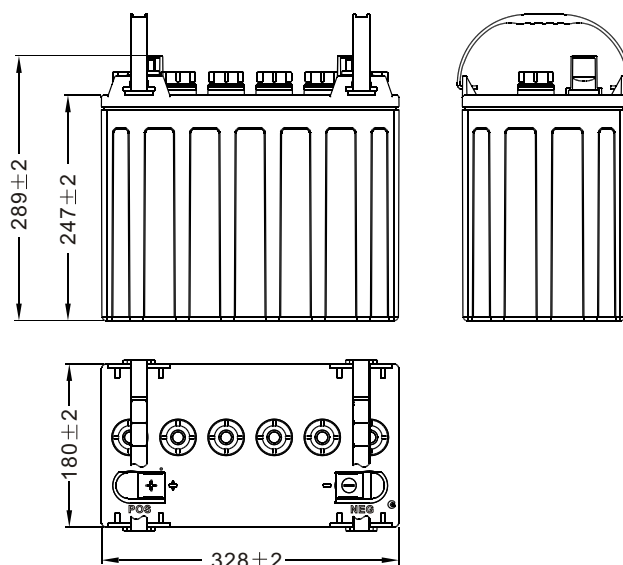
www.leoch.eu



DT1275 [12V150Ah] GOLF CART BATTERY



Dimensions (mm)



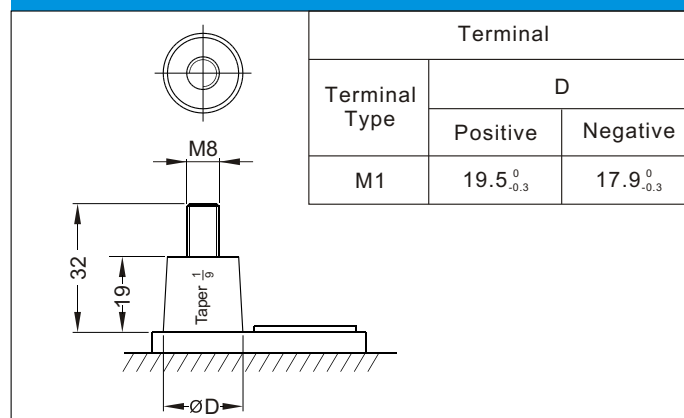
Physical Specification (mm)

Nominal Voltage		12V
Nominal Capacity(20HR)		150Ah
Nominal Capacity(5HR)		120Ah
Dimension	Length	328 ± 2mm(12.91inches)
	Width	180 ± 2mm(7.09inches)
	Container Height	247 ± 2mm(9.72inches)
	Total Height(with Terminal)	289 ± 2mm(11.38inches)
Dry Weight		Approx 32.8Kg(72.2lbs)
Wet Weight		Approx 40.5Kg(89.2lbs)
Acid		1.280 ± 0.015g/cm ³ (25°C)
Standard Terminal		M1
Hold-Down		/
Cell plate qty		/
Case		Cool Gray8C-Material
Cover		Cool Gray8C-Material
Handle		Cool Gray8C-Material

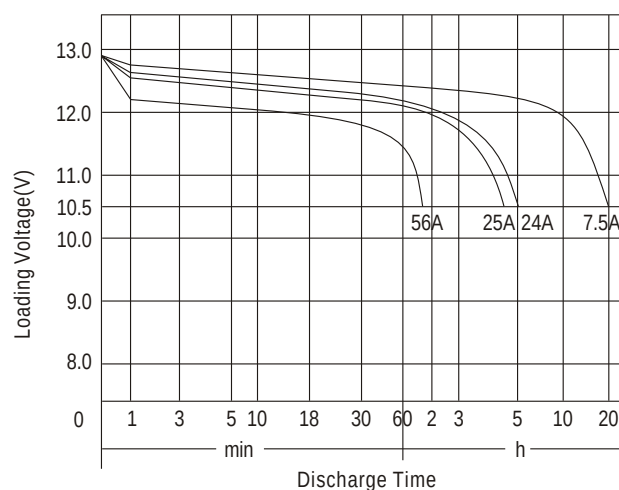
Electrical Specification

Rated Capacity	20 hour rate(7.5A)	150Ah
	5 hour rate(24A)	120Ah
Reserve Capacity	25Amps	280min
Reserve Capacity	56Amps	102min

Standard Terminal (mm)



Discharge Characteristics(25°C,70°F)



DT SERIES FLOODED BATTERY

DT126 (6V240Ah)



CHARACTERISTICS

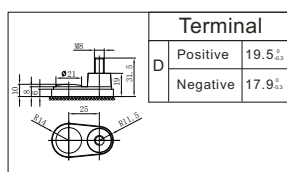
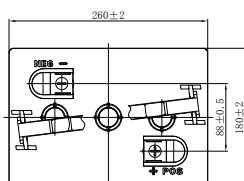
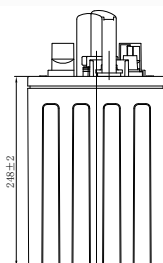
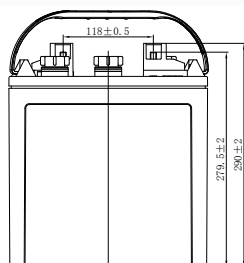
Item	Specifications	
Voltage	6V	
Dimension	Length	260mm (10.2inches)
	Width	180mm (7.09inches)
	Container Height	248mm (9.76inches)
	Total Height	279.5mm (11.0inches)
Approx Weight	29.7kg (65.5lbs)	
Terminal	DT-M8(A)	
Container Material	PP	
Rated Capacity	20HR	240Ah
	5HR	195Ah
Reserve Capacity	25A	485min
	75A	130min

GENERAL FEATURES

- Long cycle service life, strong recovery ability of deep discharge
- Low risk of thermal runaway, easy maintenance
- High energy, low internal resistance, low self-discharge
- Reliable sealing structure ensures no leakage during use
- Special design and structure increase battery performance
- The special alloy improves the corrosion resistance of the plate increases the service life and good deep discharge performance

APPLICATIONS

- Electric vehicle
- Golf cart
- Sightseeing bus
- Cleaning equipment
- AWP
- Marine&RV

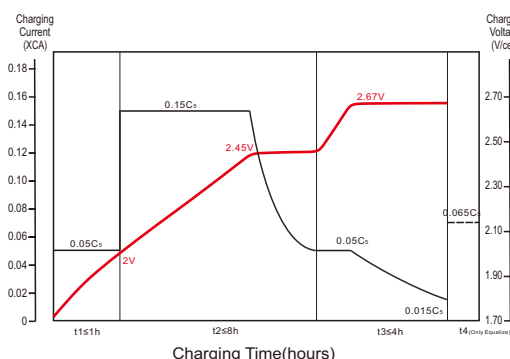


Terminal

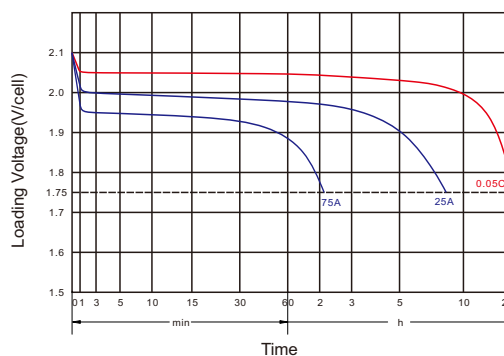
Positive 19.5 $\pm$ 0.3

Negative 17.9 $\pm$ 0.3

Charging Characteristics



Discharge Characteristics



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Leoch Battery Corporation

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Leoch Europe S.A.

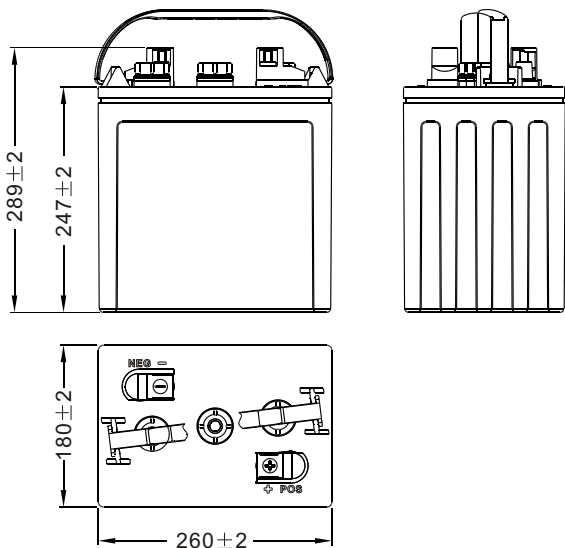
www.leoch.eu



DT106 [6V225Ah] GOLF CART BATTERY



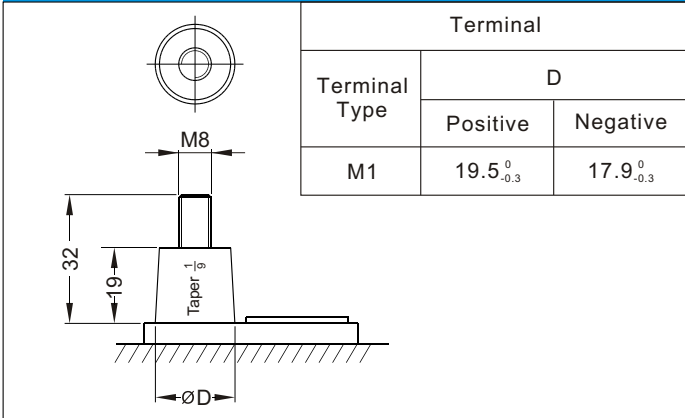
Dimensions (mm)



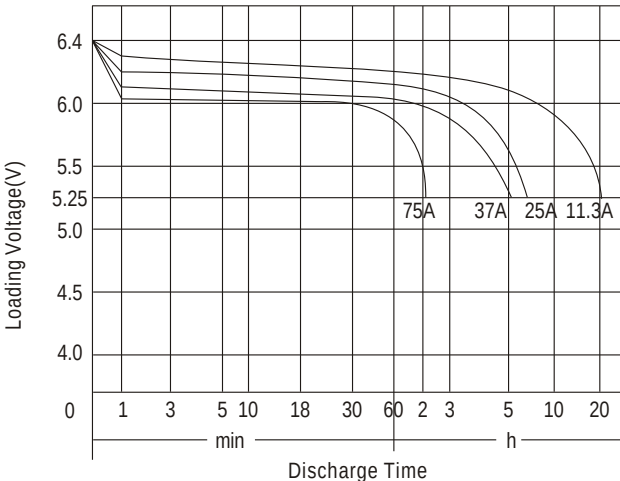
Physical Specification (mm)

Nominal Voltage		6V
Nominal Capacity(20HR)		225Ah
Nominal Capacity(5HR)		185Ah
Dimension	Length	260±2mm(10.24inches)
	Width	180±2mm(7.09inches)
	Container Height	247±2mm(9.72inches)
	Total Height(with Terminal)	289±2mm(11.38inches)
Dry Weight		Approx 21.6Kg(47.6lbs)
Wet Weight		Approx 28.5Kg(62.8lbs)
Acid		1.280±0.015g/cm ³ (25°C)
Standard Terminal		M1
Hold-Down		/
Cell plate qty		/
Case		Cool Gray8C-Material
Cover		Cool Gray8C-Material
Handle		Cool Gray8C-Material

Standard Terminal (mm)



Discharge Characteristics(25°C,70°F)



Electrical Specification

Rated Capacity	20 hour rate(11.3A)	225Ah
	5 hour rate(37.0A)	185Ah
Reserve Capacity	25Amps	445min
Reserve Capacity	75Amps	115min