



**POWERROAD**

**YS1232R**

**YUCELL**  
INDUSTRY LIMITED

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## Specifications

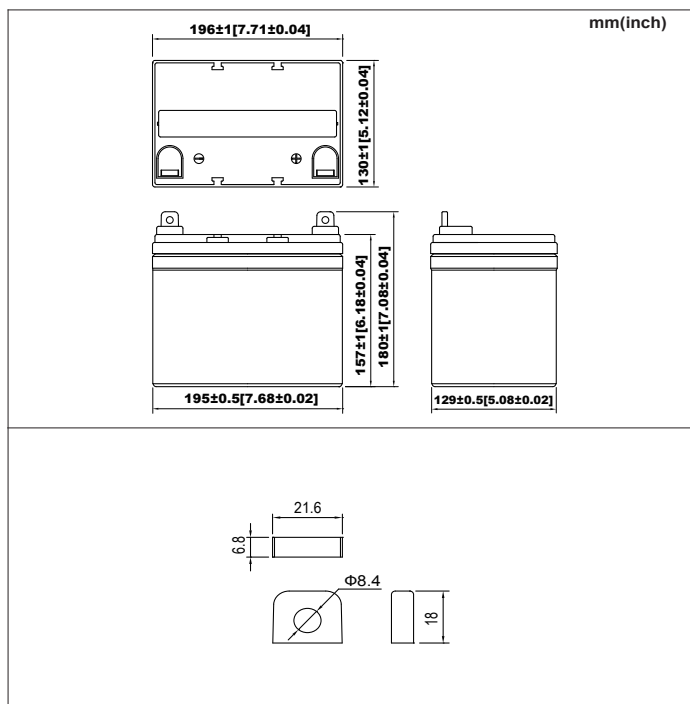
Model NO .	YS1232R	
Upgrade From	_____	
Nominal Voltage	12V	
Rated Capacity (10 hours rate)	32 Ah	
Dimension	Length	196 mm (7.71 inches)
	Width	130 mm (5.12 inches)
	Height	157 mm (6.18 inches)
	Total Height	180 mm (7.09 inches)
Approx. Wight	Approx. 9.82 kg (21.65Lbs)	
Charge Current (A)	3.2 A (14.4V constant voltage charge)	

## Characteristics

Capacity 25°C(77°F)	10 hours rate (3.2 A to 10.5V)	32.0 Ah
	5 hours rate (6.4 A to 10.2V)	27.2Ah
	1C (32.0 A to 9.6V)	14.4 Ah
	3C (96.0 A to 9.6V)	11.5Ah
Cranking Amperse(by Midtronic Tseter)		575 A
Cold Cranking Amperes(-18°C SAE Standard)		320 A
Cold Cranking Amperes(-18°C EN Standard)		480 A
Internal Resistance (at 1KHz)		Appox.6 mΩ
Operating Temperature Range	Charge	0°C (32°F) to 40°C (104°F)
	Discharge	-30°C (-22°F) to 50°C (122°F)
	Storage	-15°C (5°F) to 40°C (104°F)
Life Expectancy (Cycle Use)	60% depth of discharge 250 cycles	
	30% depth of discharge 400 cycles	
Charge Retention (shelf life) at 20°C (68°F)	1 month	92%
	3 month	90%
	6 month	80%
Warranty	1 year	
Case Material	ABS	



## Dimensions



(V)  
FOR 12V  
BATTERY

## Discharge Time VS. Discharge Current(25 °C)

