

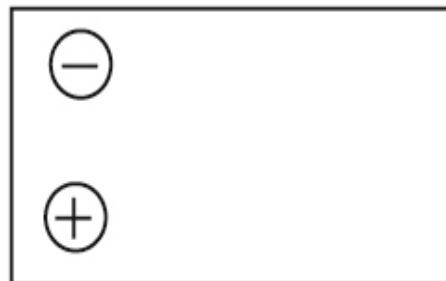
# Yuvolt - Valve Regulated Lead Acid Battery

## Y3.2-12

# Data sheet

Specifications		
Nominal voltage	12	V
20-hr rate capacity to 1.75VPC at 20°C	3,2	Ah
10-hr rate capacity to 1.8VPC at 20°C	2,8	Ah
Dimensions		
Length	134 (±1)	mm
Width	67 (±1)	mm
Height	60.5 (±1)	mm
(Height over terminals)	64 (±2)	mm
Mass (typical)	1,10	kg
Terminal type		
Faston (quickfit / release)	4,75	mm
Operating temperature range		
Storage	-20°C to +60°C	
Charge	-15°C to +50°C	
Discharge	-20°C to +60°C	
Storage		
Capacity loss per month at 20°C (approx)	3	%
Case material		
Standard option	ABS (UL.94:HB)	
Flame retardant option (FR)	ABS (UL94:V0)	
Charge voltage		
Float charge voltage at 20°C	13.65 (±1%)	V
	2.275 (±1%)	V/cell
Float charge voltage temperature correction factor (for variations from the standard 20°C)	-3	mV/cell/°C
Cyclic (or boost) charge at 20°C	14.5 (±3%)	V
	2.42 (±3%)	V/cell
Cyclic charge voltage temperature correction factor (for variations from the standard 20°C)	-4	mV/cell/°C
Charge current		
Float charge current limit	No limit	A
Cyclic (or boost) charge current limit	0,8	A
Maximum discharge current		
1 minute	32	A
Short-circuit current & internal resistance		
<b>(According to EN IEC 60896-21)</b>		
Internal resistance	N/A	mΩ
Short-circuit current	N/A	A
Impedance		
Measured at 1 kHz	50	mΩ
Design life		
EUROBAT Classification: Standard Commercial	3 to 5	years
Safety		
Installation		
Can be installed and operated in any orientation except permanently inverted		
Handles		
Batteries must not be suspended by their handles (where fitted)		
Vent valves		
Each cell is fitted with a low pressure release valve to allow gasses to escape and then reseal		
Gas release		
VRLA batteries release hydrogen gas which can form explosive mixtures in air. Do not place inside a sealed container		
Recycling		
Yuasa's VRLA batteries must be recycled at the end of life in accordance with local and national laws and regulations		

### Layout



### Third party certifications

ISO 9001 - Quality Management Systems  
 ISO 14001 - Environmental Management System

Underwriters Laboratories Inc.



### Standards

IEC61056

ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE  
 Issue No.: V1 / Issue date: Dec 2025



GS Yuasa Battery Europe Ltd.  
 Unit 8  
 Ignition Park  
 Swindon  
 SN3 5FB  
 UK