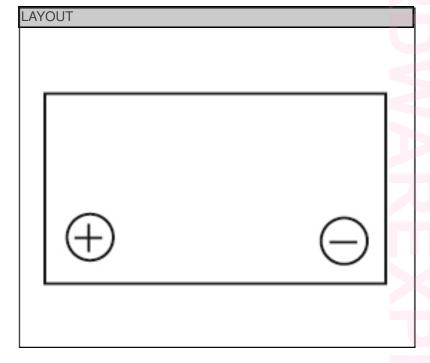
## **Yucel-Series - Valve Regulated Lead Acid Battery Y3.2-6**

# **Data Sheet**

SPECIFICATIONS			
Nominal voltage	6	V	
20-hr rate Capacity to 1.75VPC at 20°C	3.2	Ah	
10-hr rate Capacity to 1.75VPC at 20°C	2.96	Ah	
DIMENSIONS			
Length	134 (±1)	mm	
Width	34 (±1)	mm	
Height	60 (±1)	mm	
(height over terminals)	66 (±2)	mm	
Mass (typical)	0.67	kg	
TERMINAL TYPE			
FASTON (Quickfit / release)	4.75	mm	
OPERATING TEMPERATURE RANGE			
Storage	-20°C	-20°C to +60°C	
Charge	-15°C	-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	ABS (UL94:V0)	
CHARGE VOLTAGE			
Float charge voltage at 20°C	13.65 (±1%)	V	
Float Charge voltage temperature correction factor (for variations from the standard 20°C)	2.275 (±1%) -3	V/cell mV/cell/°C	
Cyclic (or Boost) charge at 20°C	14.5 (±3%) 2.42 (±3%)	V 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	Α	
Cyclic (or Boost) charge current limit	0.8	Α	
MAXIMUM DISCHARGE CURRENT			
1 minute	32	Α	
SHORT-CIRCUIT CURRENT & INTERNAL RESISTANCE			
(according to EN IEC 60896-21)			
Internal resistance	N/A	ml	
Short-Circuit current	N/A	A	
IMPEDANCE			
Measured at 1 kHz	28	ml	
PERFORMANCE & CHARACTERISTICS			
Refer to the technical manual	YUCEL		
DESIGN LIFE			
EUROBAT Classification: Standard Commercial	3 to 5	years	
Yuasa design life @ 20°C	up to 5	years	
SAFETY			
Installation			





## **3RD PARTY CERTIFICATIONS**

ISO 9001 - Quality Management Systems ISO 14001 - Environmental Management Systems EN 18001 - OHSAS Management Systems UNDERWRITERS LABORATORIES Inc.



#### **STANDARDS**

IEC61056







ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE Issue No.: V.1 / Issue Date: July 2010



YUASA BATTERY SALES UK LTD. Unit 22 Rassau Industrial Estate Ebbw Vale, Gwent **NP23 5SD** UK

#### Installation

Can be installed and operated in any orientation except permanently inverted

Batteries must not be suspended by their handles (where fitted)

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