Data Sheet

Yucel-Series - Valve Regulated Lead Acid Batte

Y2.9-12

Nominal voltage	12	V
20-hr rate Capacity to 1.75VPC at 20°C	2,90	Ah
10-hr rate Capacity to 1.75VPC at 20°C	2,77	Ah
DIMENSIONS		
Length	79 (±1)	mm
Width	56 (±1)	mm
Height	99 (±1)	mm
(height over terminals)	105 (±2)	mm
Mass (typical)	1,1	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	1	T _a .
Capacity loss per month at 20°C (approx)	3	%
CASE MATERIAL		
Standard Option	 	UL.94:HB)
Flame retardant option (FR)	ABS ((UL94:V0)
CHARGE VOLTAGE		<u> </u>
Float charge voltage at 20°C	13.65 (±1%) 2.275 (±1%)	V 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%) 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	0,73	Α
MAXIMUM DISCHARGE CURRENT		
1 minute	29	А
SHORT-CIRCUIT CURRENT & INTERNAL RESISTANCE		
(according to EN IEC 60896-21)		
Internal resistance	N/A	mΩ
Short-Circuit current	N/A	А
MPEDANCE		
Measured at 1 kHz	55	mΩ
PERFORMANCE & CHARACTERISTICS		
2. 11 0. 11.11 11.02 0. 0. 11 11.10 12.110 1.00	YUCEL	
Refer to the technical manual		
Refer to the technical manual	3 to 5	years
Refer to the technical manual DESIGN LIFE EUROBAT Classification: Standard Commercial		years
Refer to the technical manual DESIGN LIFE	3 to 5 up to 5	years years

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.

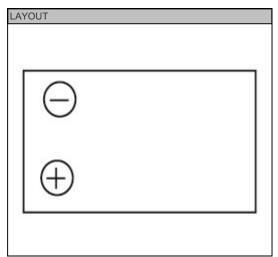
Gas Release

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





3RD PARTY CERTIFICATIONS

ISO 9001 - Quality Management Systems ISO 14001 - Environmental Management Systems EN 18001 - OHSAS Management Systems



STANDARDS





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

