Yucel-Series - Valve Regulated Lead Acid Battery Y2.8-12

SPECIFICATIONS			
Nominal voltage	12	lv	
20-hr rate Capacity to 1.75VPC at 20°C	2.8	Ah	
10-hr rate Capacity to 1.75VPC at 20°C	2.5	Ah	
DIMENSIONS	1	1	
Length	134 (±1)	mm	
Width	67 (±1)	mm	
Height	60.5 (±1)	mm	
(height over terminals)	66.5 (±2)	mm	
Mass (typical)	1.35	kg	
TERMINAL TYPE		T	
FASTON (Quickfit / release)	4.75	mm	
OPERATING TEMPERATURE RANGE			
Storage	-20°C	-20°C to +60°C	
Charge		-15°C to +50°C	
Discharge	-20°C	-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	
	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%) 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	A	
Cyclic (or Boost) charge current limit	0.7	А	
MAXIMUM DISCHARGE CURRENT	•		
1 minute	28	A	
SHORT-CIRCUIT CURRENT & INTERNAL RESISTANCE			
(according to EN IEC 60896-21)			
Internal resistance	N/A	mí	
Short-Circuit current	N/A	A	
IMPEDANCE			
Measured at 1 kHz	50	mí	
PERFORMANCE & CHARACTERISTICS			
Refer to the technical manual	YUCEL	T	
DESIGN LIFE	10022		
EUROBAT Classification: Standard Commercial	3 to 5	years	
Yuasa design life @ 20°C	up to 5	years	
SAFETY	up 10 5	Jears	
SALLI I			

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

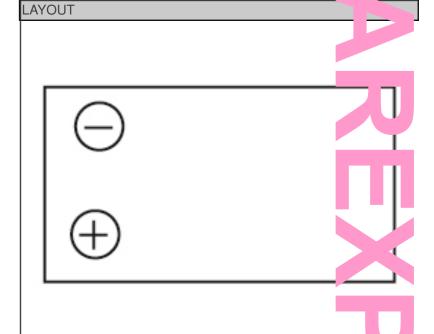
VRLA Batteries release hydrogen gas which can form explosive mixtures in air. Do not place inside a sealed container

Recycling

YUASA's VRLA batteries must be recycled at the end of life in accordance with local and national laws and

Data Sheet





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

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