# Yucel-Series - Valve Regulated Lead Acid Battery Y17-12

SPECIFICATIONS			
Nominal voltage	12	V	
20-hr rate Capacity to 1.75VPC at 20°C	17	Ah	
10-hr rate Capacity to 1.75VPC at 20°C	15.7	Ah	
DIMENSIONS			
Length	181.5 (±1)	mm	
Width	77 (±1)	mm	
Height	167.5 (±1)	mm	
(height over terminals)	167.5 (±2)	mm	
Mass (typical)	5.7	kg	
TERMINAL TYPE			
Bolt terminal	M5		
OPERATING TEMPERATURE RANGE			
Storage	-20°C	-20°C to +60°C	
Charge	-15°C	to +50°C	
Discharge	-20°C	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%) 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	4.25	A	
MAXIMUM DISCHARGE CURRENT			
1 minute	48	A	
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	16	mՋ	
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			



**Data Sheet** 

LAYOUT	
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# **3RD PARTY CERTIFICATIONS**

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



STANDARDS

IEC61056







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



Certificate No. FM 10626 Certificate No EMS 55229

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