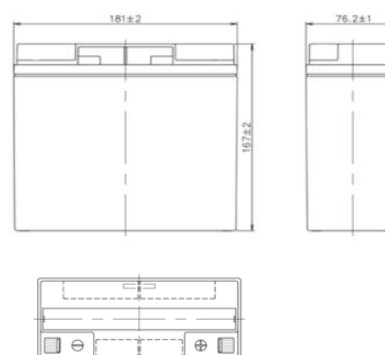


RE-Series - Valve Regulated Lead Acid Battery

REC22-12I

Data Sheet

SPECIFICATIONS		
Nominal voltage	12	V
20-hr rate Capacity to 1.75VPC at 20°C	22	Ah
10-hr rate Capacity to 1.75VPC at 20°C	19,7	Ah
DIMENSIONS		
Length	181 (±2)	mm
Width	76.2 (±1)	mm
Height	167 (±2)	mm
(height over terminals)	N/A	mm
Mass (typical)	6,2	kg
TERMINAL TYPE		
Bolt terminal (bolt size)	M5	mm
Torque	2,5Nm	Nm
OPERATING TEMPERATURE RANGE		
Storage	-15°C to +45°C	
Charge	-15°C to +45°C	
Discharge	-15°C to +45°C	
STORAGE		
Capacity loss per month at 20°C (approx)	3	%
CASE MATERIAL		
Standard - Flame Retardant	ABS (UL94:HB)	
Option	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	14.52 (±3%)	V
	2.42 (±3%)	V/cell
Cyclic Charge voltage temperature correction factor (for variations from the standard 20°C)	-4	mV/cell/°C
CHARGING CURRENT		
Float charge current limit	Pas de limite	A
Cyclic (or Boost) charge current limit	5,50	A
MAXIMUM DISCHARGE CURRENT		
1 second	330	A
1 minute	140	A
CYCLIC LIFE DATA		
100% DOD down to 80% capacity	300	cycles
75% DOD down to 80% capacity	500	cycles
50% DOD down to 80% capacity	600	cycles
25% DOD down to 80% capacity	1400	cycles
IMPEDANCE		
1 kHz	8,2	mΩ
PERFORMANCE		
SEE TECHNICAL MANUAL	REC	
DESIGN LIFE		
Yuasa design life @ 20°C	6 à 9	ans
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		



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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YUASA BATTERIES FRANCE
 Zac des Chesnes Ouest
 13 rue du Morellon
 38070 Saint-Quentin Fallavier
 France