

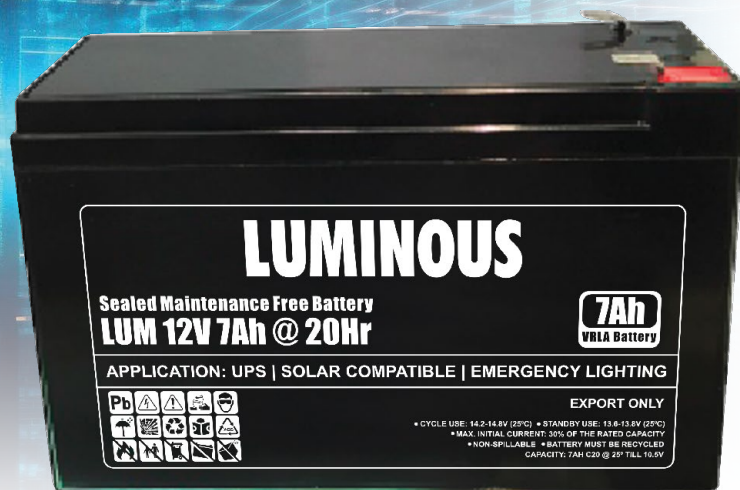
VRLA/ AGM SMF BATTERY

Available Models
5Ah - 80Ah

Technical Specifications

Model No.	LUM12V 5Ah	LUM12V 6.5Ah	LUM12V 7Ah	LUM12V 9Ah	LUM12V 12Ah	LUM12V 18Ah	LUM12V 26Ah	LUM12V 28Ah	LUM12V 33Ah	LUM12V 40Ah	LUM12V 45Ah	LUM12V 65Ah	LUM12V 65Ah	LUM12V 70Ah	LUM12V 80Ah
Nominal Voltage (V)	12														
Rating	5Ah	6.5Ah	7Ah	9Ah	12Ah	18Ah	26Ah	28Ah	33Ah	40Ah	45Ah	65Ah	65Ah	70Ah	80Ah
Capacity 27°C	C20												C10		
DIMENSION OF BATTERY															
Length (mm)	90	151	151	151	151	181	197	197	197	229	229	259	259	259	259
Width (mm)	70	65	65	65	98	77	165	165	165	138	138	168	168	168	168
Height (mm)	101	94	94	94	98	167	172	172	211	211	214	214	214	214	214
Height up to Terminal (mm)	107	100	100	100	104	167.5	175	175	175	215	215	219	219	219	219
Battery weight (Kg)	1.65	2.0	2.1	2.65	3.65	5.2	7.9	8.8	9.4	11.8	13.5	19.3	20.4	22.5	24.2
Max. Charging current in cycle use (Amp)	1.5	2.1	2.16	2.7	3.6	5.4	8.4	8.4	8.4	14	14	21	21	21	21
Max. Discharging current (Amp)	75	97.5	105	135	180	170	360	360	330	380	400	600	650	700	700
CHARGING VOLTAGE (V@27°C) CYCLE USE															
Min. (V)	14.5														
Max. (V)	15														
CHARGING VOLTAGE (V@27°C) STANDBY USE															
Min (V)	13.5														
Max (V)	13.8														

*Technical specifications are subject to change without prior notice.



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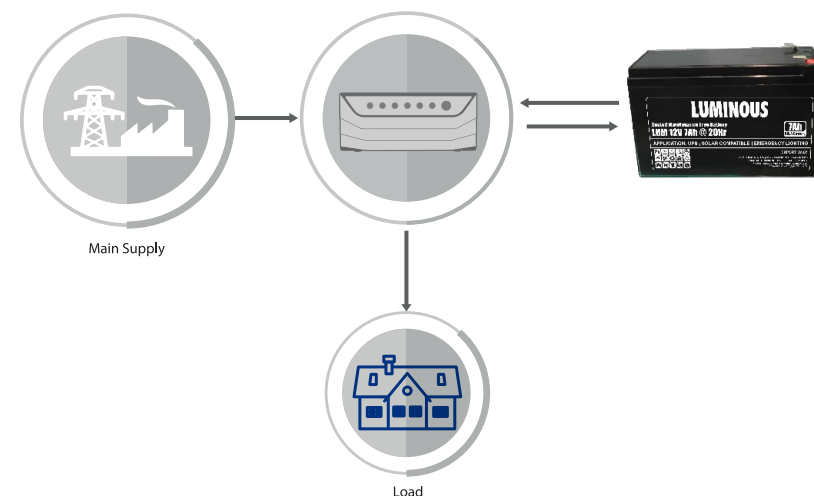
Key features:

- AGM technology for efficient gas recombination
- Rubber safety valve
- Float or cyclic use
- Ultra low self-discharge

Service life:

- Expected service life: 3 to 5 years under normal float charge conditions at 25°C
- Cycle service life: 400-500 cycles at 80% Depth of Discharge (DOD); 1100-1200 cycles at 30% DOD
- Extended shelf-life (up to 12 months at 20°C)

Schematic Representation



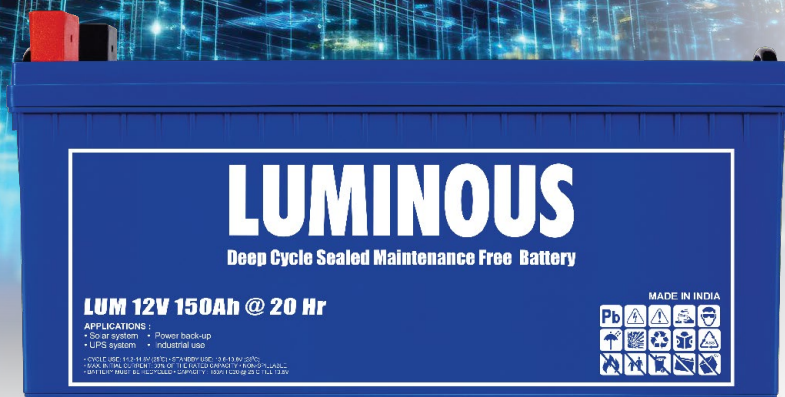
VRLA/ AGM SMF BATTERY

Available Models
100Ah - 200Ah

Technical Specifications

Model No.	LUM12V 100Ah	LUM12V 150Ah	LUM12V 200Ah	LUM12V 100Ah	LUM12V 150Ah	LUM12V 200Ah
Nominal Voltage (V)	12					
Rating	100Ah	150Ah	200Ah	100Ah	150Ah	200Ah
Capacity @27°C	C20			C10		
DIMENSION OF BATTERY						
Length (mm)	331	485	530	330	485	530
Width (mm)	173	172	207	171	172	207
Height (mm)	213	240	214	214	240	214
Height up to Terminal (mm)	233	240	218	220	240	218
Battery weight (Kg)	27.3	41.5	54	29.5	41.8	57.5
Max. Charging current in cyclic Use (Amp)	27.0	42.0	55	27.0	42.0	61.50
Max. Discharging current (Amp)	800	1200	1300	800	1200	1400
CHARGING VOLTAGE (V@27°C) CYCLE USE						
Min. (V)	14.5					
Max. (V)	15					
CHARGING VOLTAGE (V@27°C) STANDBY USE						
Min (V)	13.5					
Max (V)	13.8					

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**ARMOR DESIGN FOR
RUGGED CASING**



**MAINTENANCE
FREE**



**ZERO SPILLAGE
RISK**

VRLA/ AGM/ SMF

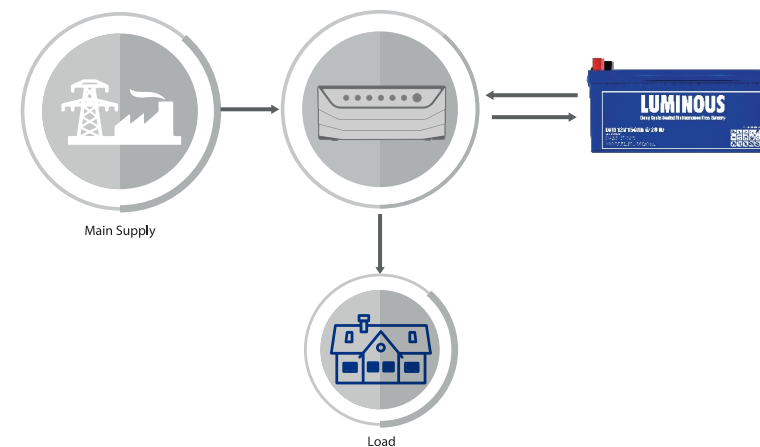
Key features:

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- Ultra low self-discharge

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Schematic Representation



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