

26 AH 12V LUCAS VRLA BATTERY LSLA26-12



Physical Specifications

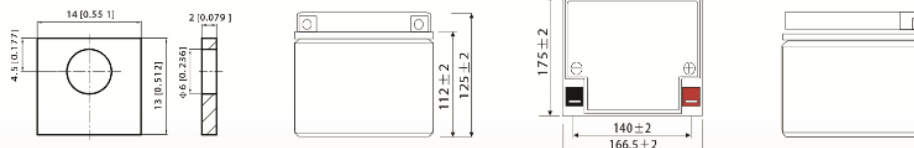
Brand	Lucas
Weight	9.2 kg
Length	166 mm
Width	175 mm
Height	125 mm
Technology	AGM
Warranty	1 Year
Terminals	

Specifications

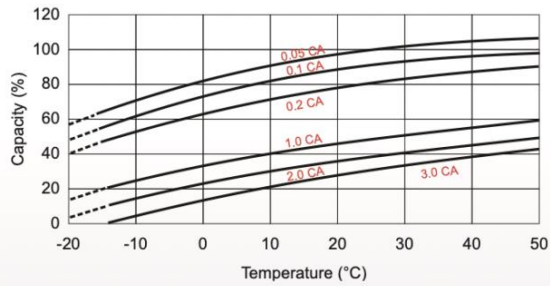
Model	LSLA26-12	
Normal Voltage	12 Volts	
Normal Capacity (C20)	26 Ah	
Terminal Type	NB	
Container Material	Standard Option	ABS
	Flame Retardant Option (FR)	UL94:VO
Rated Capacity	26.0 AH/1.30A	(20hr, 1.80V/cell, 25°C / 77°F)
	24.2 AH/2.43A	(10hr, 1.80V/cell, 25°C / 77°F)
	22.2AH/4.44A	(5hr, 1.75V/cell, 25°C / 77°F)
	19.9AH/6.65A	(3hr, 1.75V/cell, 25°C / 77°F)
	16.4AH/16.4A	(1hr, 1.60V/cell, 25°C / 77°F)
Max Discharge Current	390A (5s)	
Internal Resistance	Approx 14mΩ	
Discharge Characteristics	Operating Temp. Range	Discharge: -15 ~ 50°C (5 ~ 122°F)
		Charge: 0 ~ 40°C (5 ~ 104°F)
		Storage: -15 ~ 50°C (5 ~ 104°F)
	Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
	Cycle Use	Initial Charging Current less than 7.8A. Voltage
	Standby Use	No limit on Initial Charging Current Voltage
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Design Floating Life at 20°C	3-5 Years	
Self Discharge	Lucas batteries may be stored for up to 6 months at 25°C(°77F) and then a refresh charge is required. For higher temperatures the time interval will be shorter.	

Dimensions

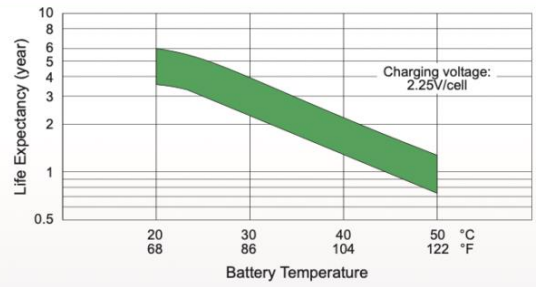
F3 Terminal



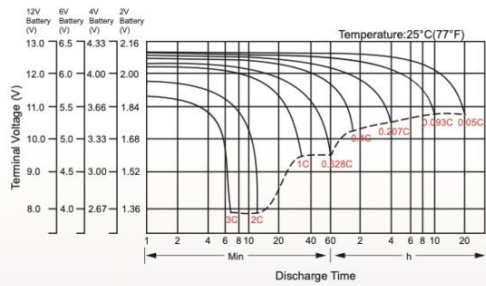
Temperature Effects in Relation to Battery Capacity



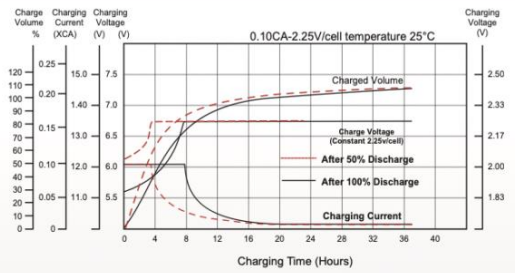
Effect of Temperature on Long Term Float Life



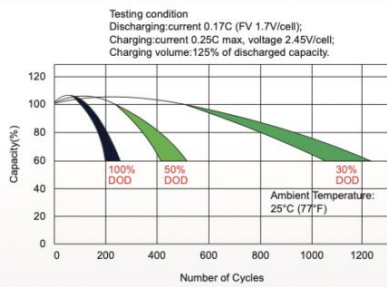
Discharge Characteristics



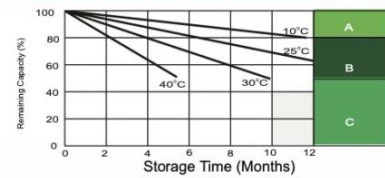
Float Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



- A** No supplementary charge required (Carryout supplementary charge before use if 100% capacity is required.)
- B** Supplementary charge required before use. Optional charging way as below:
 1. Charged for above 3 days at limited current 0.25CA and constant voltage 2.25V/cell.
 2. Charged for above 20 hours at limited current 0.25CA and constant voltage 2.25V/cell.
 3. Charged for 8 ~ 10 hours at limited current 0.05 CA.
- C** Supplementary charge may often fail to recover the capacity. The battery should never be left standing till this is reached.