

NS-1217-H (12 V, 17 Ah / 20hrs.)

VRLA Rechargeable Sealed Lead Acid Battery



Specification

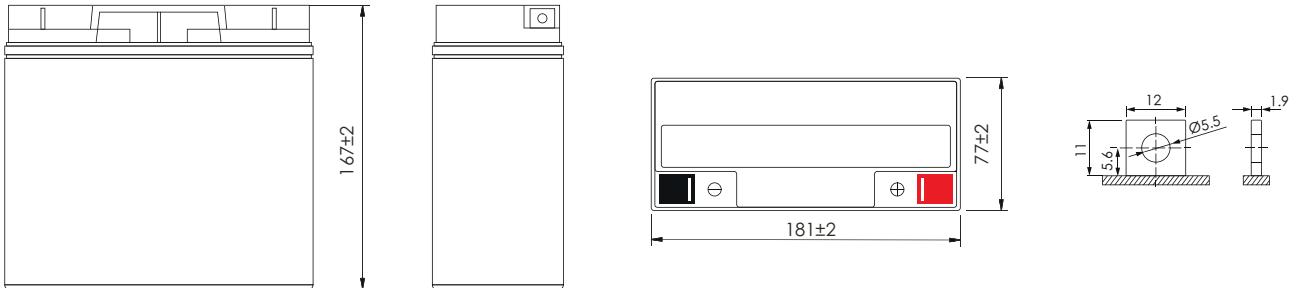
Nominal Voltage	12 V	
Capacity	20 hours rate (0.375A)	17 Ah
Discharge Current Testing (25°C)	20 I ₂₀ rate (17A, 27min)	32 min
	60 I ₂₀ rate (51A, 7min)	7 min
Internal Resistance	Full Charged Battery 25°C	
	40°C	104%
	25°C	100%
	0°C	83%
Capacity affected by Temperature	-15°C	65%
	Capacity After 3 Months Storage	
	91%	
Self-Discharge (25°C)	Capacity After 6 Months Storage	
	82%	
	Capacity After 12 Months Storage	
Charge (Constant Voltage)	Cycle use	Initial Charging Current less than 2.25A, Voltage 14.5-14.9V (25°C)
	Standby use	Charge Voltage 13.5-13.8V (25°C)
Weight	Approximate	4.76 kg



Applications

- All purpose
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Electronic apparatus and equipment
- Communication power supply
- Emergency backup power supply
- Emergency light
- Railway signal
- Aircraft signal
- Alarm and security system
- DC power supply
- Auto control system

Dimension and Terminal



Constant Current Discharge (Amperes) at 25°C (77°F)

F.V/Time	5Min	10Min	15Min	30Min	60Min	2H	3H	5H	8H	10H	20H
9.60V	63.06	39.64	31.53	18.92	10.81	6.40	4.38	2.92	2.01	1.64	0.87
10.20V	59.96	37.64	30.23	18.12	10.41	6.31	4.32	2.88	1.99	1.63	0.86
10.50V	58.46	36.74	29.63	17.82	10.11	6.26	4.28	2.86	1.98	1.63	0.85
10.80V	56.36	35.44	28.73	17.22	9.86	6.18	4.23	2.82	1.97	1.62	0.85

Constant Power Discharge (Watts) at 25°C (77°F)

F.V/Time	5Min	10Min	15Min	30Min	60Min	2H	3H	5H	8H	10H	20H
9.60V	7073.70	447.45	359.36	217.22	125.13	74.77	52.15	34.93	24.12	19.72	10.41
10.20V	668.67	424.42	345.35	208.21	120.12	73.77	51.35	34.43	23.92	19.62	10.32
10.50V	651.65	413.41	337.34	203.20	117.12	73.17	50.85	34.13	23.72	19.51	10.22
10.80V	628.63	399.40	327.33	198.20	114.11	72.17	50.35	33.73	23.48	19.38	10.15

Capacity Factors with Different Temperature

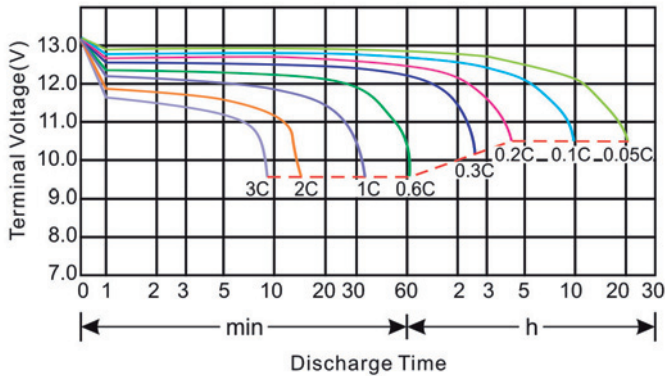
Temperature	-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery 12 Vdc	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

NS-1217-H (12 V, 17 Ah / 20hrs.)

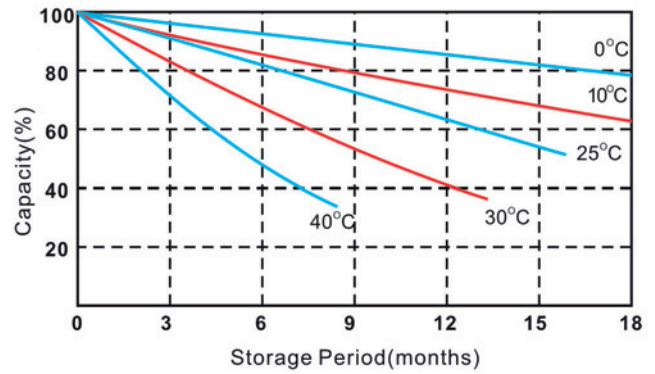
VRLA Rechargeable Sealed Lead Acid Battery



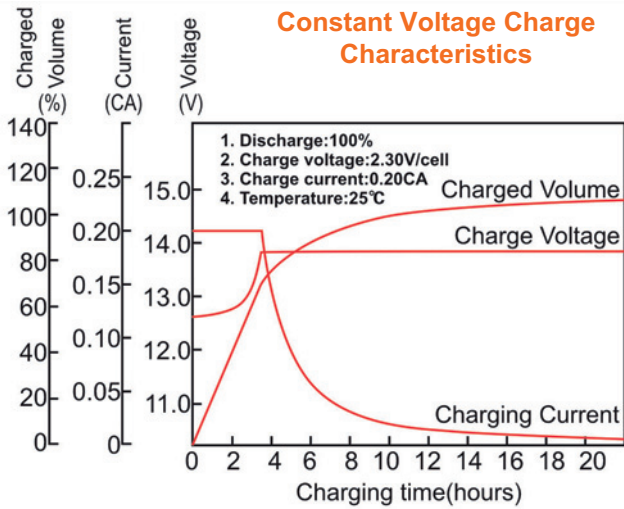
Discharge Characteristics



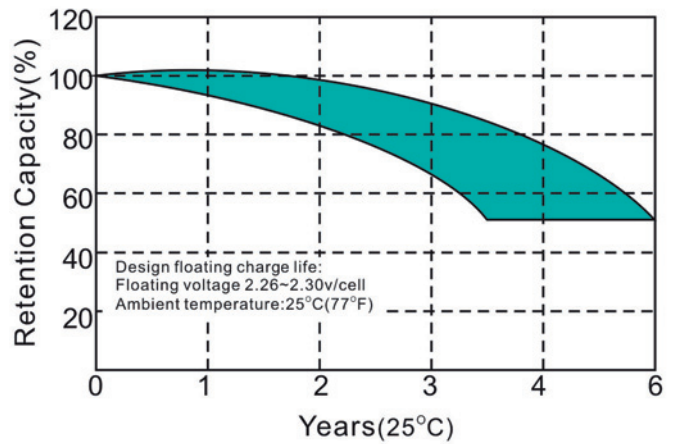
Self Discharge Characteristics



Constant Voltage Charge Characteristics



Float Life



ISO 9001
 ISO 14001
 OHSAS 18001



Authorized Distributor

LEO POWER SUPPLY CO., LTD.

27, 4th Floor, Soi Bangna-Trad Rd 34, Bangna-Trad Road, Bangna, Bangkok 10260 THAILAND

Tel. 0-2746-9500, 0-2746-8708 Fax. 0-2746-8712 e-mail: marketing@lpsups.com