NORDSTRÖM

LPG SERIES-GEL Battery

LPG26-12 (12V26AH)

Specification

Nominal Voltage	12V	
Nominal Capacity(20HR)	26.0AH	
Dimension	Length	166±2mm (6.54 inches)
	Width	175±2mm (6.89 inches)
	Container Height	125±2mm (4.92 inches)
	Total Height (with Terminal)	125±2mm (4.92 inches)
Approx Weight	Approx 8.5 kg (18.7 lbs)	
Terminal	T12	
Container Material	ABS	
Rated Capacity	26.0 AH/1.30A	(20hr,1.80V/cell,25°C/77°F)
	24.2 AH/2.42A	(10hr,1.75V/cell,25°C/77°F)
	20.8 A H/4.16A	(5hr,1.75V/cell,25°C/77°F)
	18.1 AH/6.03A	(3hr,1.75V/cell,25°C/77°F)
	14.3 AH/14.3A	(1hr,1.67V/cell,25°C/77°F)
Max. Discharge Current	312A (5s)	
Internal Resistance	Approx 13.5mΩ	
Operating Temp.Range	Discharge : -20～55°C (-4～131°F)	
	Charge : 0～40°C (32～104°F)	
	Storage : -20～50°C (-4～122°F)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Initial Charging Current less than 6.5A.Voltage 14.4V~15.0V at 25°C(77°F)Temp. Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	Nordström LPG series batteries may be stored for up to 9 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	

Applications

- *Telecommunications*
- *Solar system*
- *Wind power system*
- *Wheelchair*
- *Floor cleaning machines*
- *Golf trolley*
- *Boats*

VdS · Intertek ETL SEMKO · MH26866 · ISO14001 · ISO9001 · CE EMC tested

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

F.V/Time	20min	30min	45min	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	20h
1.85V/cell	22.0	17.3	13.2	11.0	6.99	5.33	4.41	3.81	3.29	2.91	2.63	2.40	2.27	1.25
1.80V/cell	25.2	19.3	14.5	12.2	7.57	5.71	4.68	4.00	3.45	3.05	2.75	2.52	2.37	1.30
1.75V/cell	28.3	21.2	15.7	13.0	8.02	6.03	4.90	4.16	3.58	3.16	2.84	2.60	2.42	1.33
1.70V/cell	30.5	22.7	16.7	13.8	8.50	6.28	5.06	4.29	3.70	3.26	2.93	2.67	2.48	1.34
1.67V/cell	31.7	23.6	17.3	14.3	8.72	6.48	5.19	4.38	3.76	3.31	2.97	2.70	2.50	1.36
1.60V/cell	34.4	25.3	18.5	15.2	9.07	6.74	5.38	4.51	3.85	3.38	3.02	2.76	2.55	1.38

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

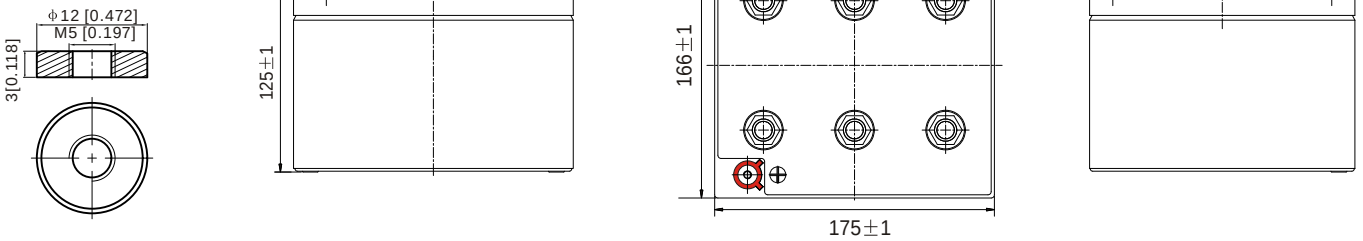
F.V/Time	20min	30min	45min	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	20h
1.85V/cell	42.1	33.3	25.5	21.5	13.7	10.4	8.68	7.52	6.52	5.78	5.23	4.78	4.53	2.49
1.80V/cell	47.6	36.8	28.0	23.6	14.7	11.1	9.17	7.88	6.82	6.03	5.46	5.02	4.72	2.59
1.75V/cell	52.9	40.1	30.0	25.1	15.6	11.8	9.57	8.16	7.04	6.23	5.62	5.16	4.81	2.64
1.70V/cell	56.4	42.6	31.6	26.4	16.4	12.2	9.86	8.39	7.27	6.43	5.78	5.29	4.92	2.67
1.67V/cell	58.0	43.8	32.5	27.2	16.7	12.5	10.1	8.54	7.36	6.50	5.86	5.35	4.97	2.69
1.60V/cell	62.2	46.4	34.7	28.8	17.3	13.0	10.4	8.78	7.52	6.62	5.95	5.45	5.06	2.73

Specifications subject to change without notice.

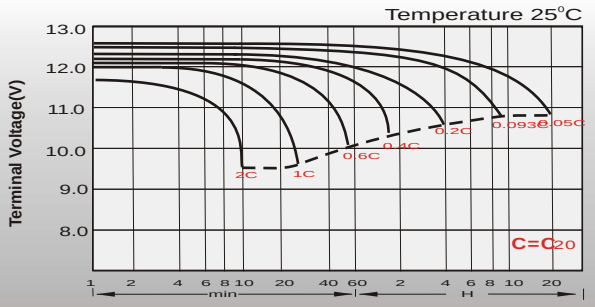
Dimensions

T12 Terminal

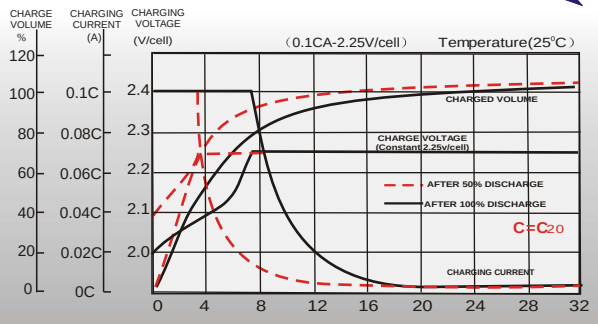
Unit: mm [inches]



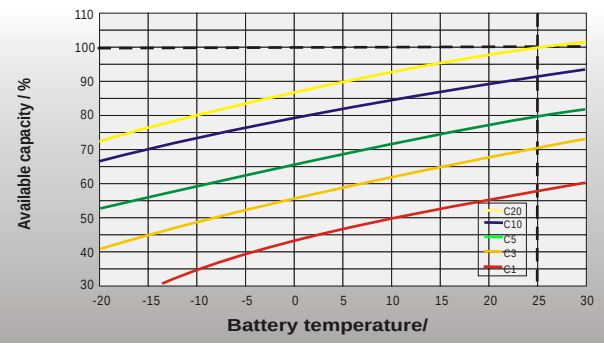
Discharge Characteristics



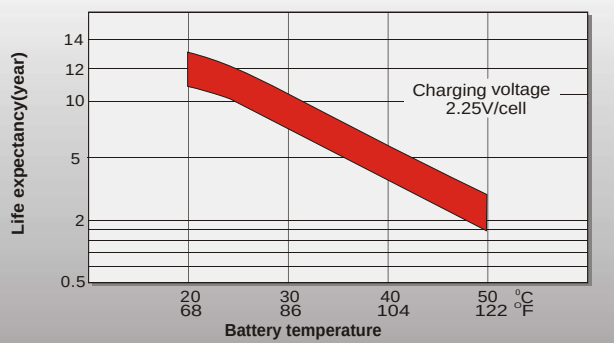
Float Charging Characteristics



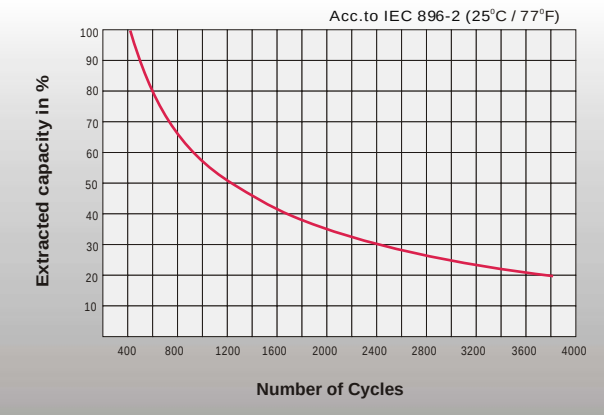
Temperature Effects in Relation to Battery Capacity



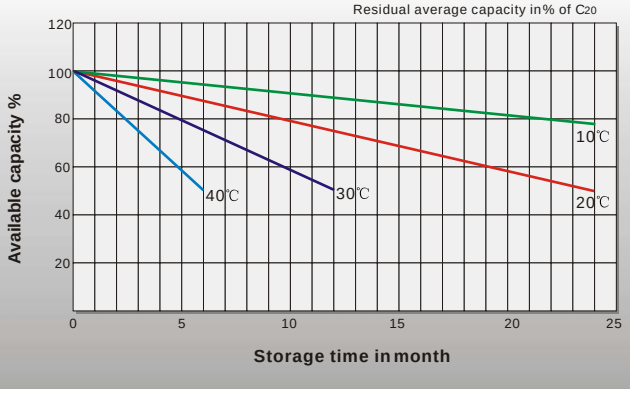
Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



General Relation of Capacity VS. Storage Time



Sales Office