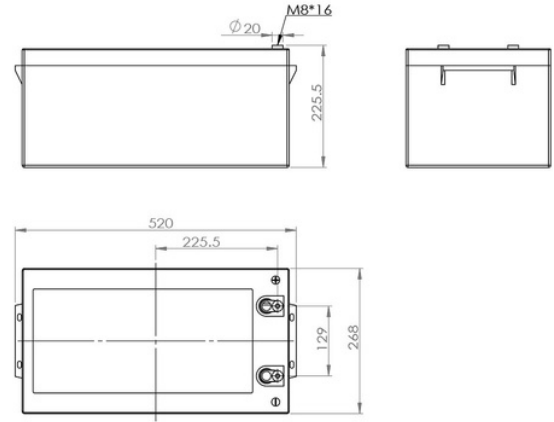




BATERÍA GEL 250AH

Valve Regulated Sealed Gel Battery



SPECIFICATION

Battery Model	LCPC250-12 12V 250Ah			
Design Life (years, 25°C)	10			
Capacity (Ah, 25°C)	10HR (25A, 1.80V) 250	5HR (41.5A, 1.80V) 124.5	3HR (61.25A, 1.80V) 183.75	1HR (135.5A, 1.75V) 135.5
Dimensions (mm)	Length 520	Width 268	Height 225.5	Total Height 225.5
Approx. Weight (kg)	72.0			
Reference Internal Resistance (mΩ)	1.8 (Fully Charged @ 25°C)			
Maximum Discharge Current (A)	750			
Self-Discharge (25°C)	≤ 1.5% per month			
Charge Voltage (V/Cell, 25°C)	Cycle Use 2.40(-3.5mV/°C/Cell), max charge current: 62.5A		Float Use 2.27 (-3.5mV/°C/Cell)	

Discharge Data

Constant Current Discharge Data (25°C, A)

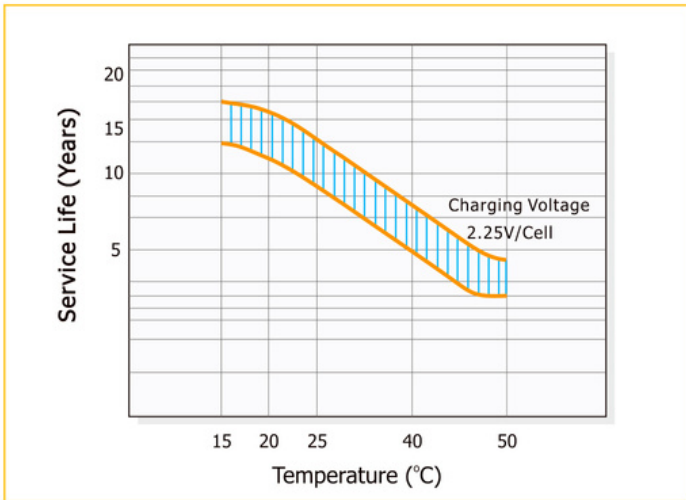
End Voltage (V/Cell)	h								
	1	3	5	10	20	50	100	120	240
1.70	139.25	64.50	43.63	25.58	13.08	5.55	2.90	2.45	1.30
1.75	135.50	63.25	42.75	25.33	12.88	5.45	2.85	2.42	1.28
1.80	131.25	61.25	41.50	25.00	12.67	5.33	2.80	2.38	1.25
1.85	126.25	59.00	40.00	24.50	12.42	5.18	2.73	2.32	1.23
1.90	120.00	56.25	38.25	23.83	12.08	5.00	2.65	2.25	1.20

Constant Power Discharge Data (25°C, W)

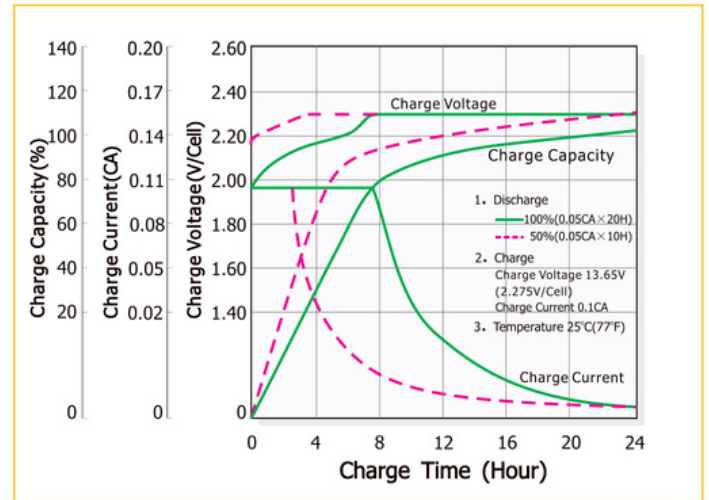
End Voltage (V/Cell)	h								
	1	3	5	10	20	50	100	120	240
1.70	250.83	105.33	75.83	47.17	24.50	11.88	6.42	5.45	2.75
1.75	242.50	103.50	74.00	46.67	24.08	11.75	6.12	5.35	2.70
1.80	235.83	101.83	72.00	46.17	23.67	11.25	5.70	5.15	2.65
1.85	228.33	100.50	70.33	45.17	23.17	10.65	5.42	4.82	2.55
1.90	222.00	99.00	68.33	44.50	22.83	10.25	5.18	4.65	2.50

PERFORMANCE CURVE

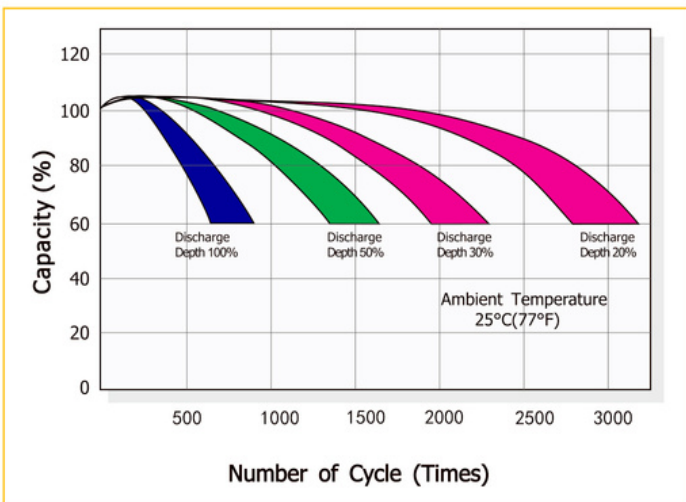
Trickle(or Float) Service Life



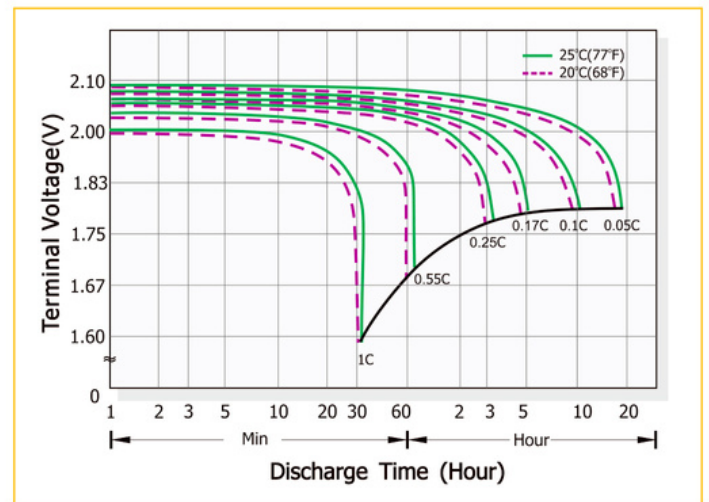
Charge Characteristic



Cycle Service Life



Discharge Characteristic



FEATURES

- Low self-discharge and long shelf life
- Non-Spillable construction
- Safety valve installation for explosion proof
- Exceptional deep discharge recovery performance
- 99.7% pure lead calcium grids and A recognized Component of UL

APPLICATIONS

- Photovoltaic System
- Telecommunications
- Emergency Power System
- Power Plant and power transformer system
- Control Equipment

- IEC 60896-21/22
- DIN 40742
- YD/T 1360-2005

ISO 9001

