

VRLA - Sealed free maintenance

XMB 12-26X 12V/26AH (20h)

VRLA-AGM BATTERIES

Las baterías XMB conforman una familia de baterías de ácido plomo tipo VRLA de descarga profunda de excelente calidad, rendimiento extraordinario y un amplio rango de aplicaciones. Han sido diseñadas para cumplir con los más exigentes estándares mundiales de calidad, seguridad y rendimiento, usando tecnología punta. Son 100% libres de mantenimiento y selladas para una operación sin fugas. Usan tecnología AGM para una eficiente recombinación de gases hasta de 99%.

APLICACIONES PRINCIPALES

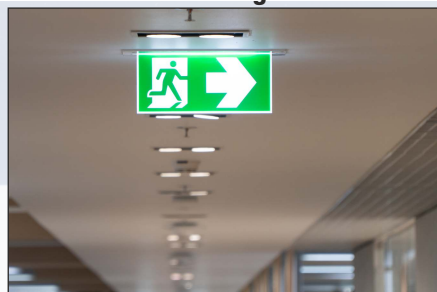
Telecom



Sistemas de Seguridad



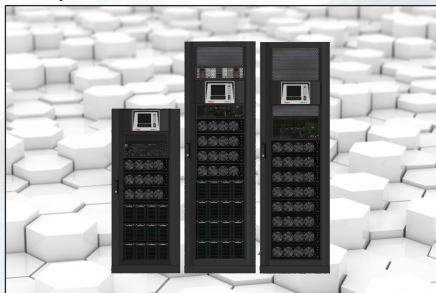
Luminaria de Emergencia



Respaldo de Sistemas Críticos



UPS/SAI



Inversores AC/DC



CARACTERÍSTICAS

- Baterías selladas de libre mantenimiento
- Separadores AGM y placas planas
- Opciones en terminales de conexión
- Caja de ABS de alto impacto
- Recarga rápida
- Auto descarga inferior al 3.5%/mes

VENTAJAS

- Temperatura de operación: -15 to +50°C
- Tiempo de vida: 5 a 8 años (@ 20°C)
- Tiempo de vida en cantidad de ciclos:
 - > 1500 ciclos a 30% DOD
 - > 600 ciclos a 50% DOD
 - > 300 ciclos a 100% DOD
- Alto rendimiento a bajas temperaturas

VRLA - SEALED FREE MAINTENANCE BATTERY

12V/26AH (20h)

Xmart
by Integra

TECHNICAL SPECIFICATIONS / Especificaciones Técnicas

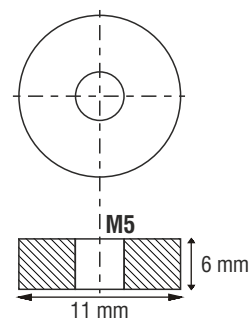
Nominal Voltage	12V	
Nominal Capacity (10hr)	26.0AH	
Dimension	Lenght	166 +/- 2mm
	Width	175 +/- 2mm
	Container Height	125 +/- 2mm
	Total Height (with terminals)	125 +/- 2mm
Approx Weight	Approx. 7.8 Kg	
Terminal	T5	
Container Material	ABS	
Rated Capacity	26.0 AH / 1.30A	(20hr, 1.75V/cell, 25°C/77°F)
	24.6 AH / 2.46A	(10hr, 1.75V/cell, 25°C/77°F)
	21.9 AH / 4.37A	(05hr, 1.75V/cell, 25°C/77°F)
	19.1 AH / 6.38A	(03hr, 1.75V/cell, 25°C/77°F)
	16.0 AH / 16.0A	(01hr, 1.75V/cell, 25°C/77°F)
Max. Discharge Current	390A (5s)	
Internal Resistance	Approx. 14 mili Ohm	
Operating Temperature Range	Discharge:	-15°C to 50°C (5 to 122°F)
	Charge:	0°C to 40°C (32 to 104°F)
	Storage:	-15°C to 40°C (5 to 104°F)
Normal Operating Temp. Range	25°C +/- 3°C (77°F +/- 5°F)	
Cycle Use	Initial Charging Current less than 7.8 A.	
	Voltage 14.4V-15.0V at 25°C. Temp coefficient -20mV/°C	
Standby Use	Initial Charging Current less than 7.8 A.	
	Voltage 13.5V-13.8V at 25°C. Temp. coefficient -20mV/°C	
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%



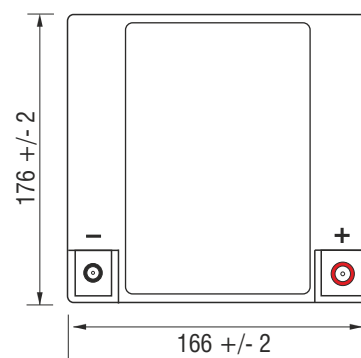
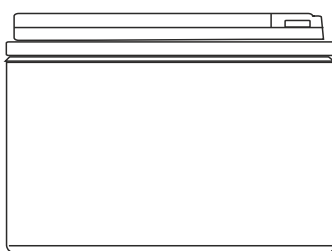
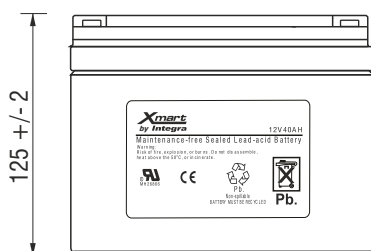
Aplicaciones

UPS
Inversores AC/DC
Luminaria de emergencia
Sistemas de comunicación
Fuentes DC
Equipos electrónicos
Sistemas de respaldo en general

TERMINAL T5 / Terminal T5



DIMENSIONS / Dimensiones



* VRLA: Valve Regulated Lead Acid / * AGM: Absorbent Glass Material

12-26AH: P2

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12V - 26AH (20h)

Xmart
by **Integra**

CONSTANT DISCHARGE / Descarga Constante (Amps at 25°C)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	69.90	51.10	38.80	33.10	24.80	18.20	14.50	10.80	8.56	6.18	4.92	4.25	3.64	2.87	2.40	1.27
1.80V/cell	75.10	54.20	40.70	34.40	25.60	18.70	14.80	11.00	8.72	6.28	5.00	4.31	3.70	2.91	2.44	1.29
1.75V/cell	79.20	56.30	42.00	35.30	26.20	19.10	15.10	11.20	8.88	6.38	5.06	4.37	3.74	2.94	2.46	1.30
1.70V/cell	82.90	58.60	43.40	36.40	26.90	19.50	15.40	11.40	9.01	6.47	5.13	4.43	3.78	2.97	2.48	1.31
1.67V/cell	85.80	60.30	44.50	37.10	27.40	19.80	15.60	11.60	9.11	6.54	5.18	4.46	3.82	2.99	2.50	1.32
1.60V/cell	91.00	62.80	46.00	38.20	28.10	20.30	16.00	11.80	9.29	6.66	5.27	4.54	3.87	3.04	2.53	1.34

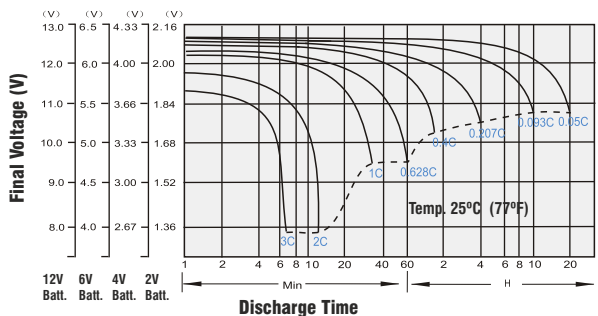
at 25°C

CONSTANT DISCHARGE / Descarga Constante (Watts/Cell at 25°C)

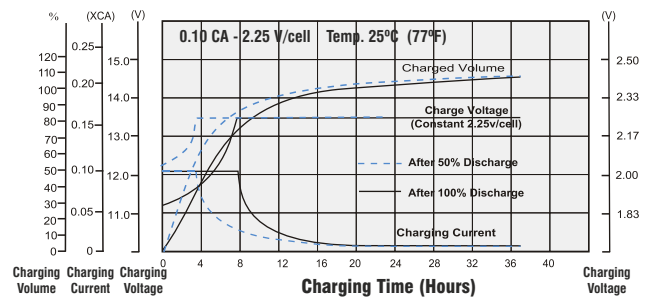
F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	132.20	97.30	74.20	63.70	47.90	35.20	28.20	21.10	16.80	12.10	9.70	8.39	7.20	5.68	4.77	2.54
1.80V/cell	140.80	102.40	77.40	65.90	49.20	36.10	28.80	21.40	17.00	12.30	9.82	8.50	7.30	5.76	4.84	2.57
1.75V/cell	146.70	105.70	79.50	67.30	50.30	36.70	29.20	21.80	17.30	12.50	9.94	8.60	7.38	5.82	4.88	2.60
1.70V/cell	152.10	109.20	81.70	68.90	51.30	37.40	29.70	22.10	17.50	12.60	10.10	8.70	7.45	5.87	4.93	2.62
1.67V/cell	156.10	111.70	83.40	70.20	52.10	37.90	30.10	22.30	17.70	12.80	10.10	8.76	7.52	5.92	4.96	2.64
1.60V/cell	162.40	114.90	85.70	71.90	53.20	38.60	30.60	22.70	18.00	13.00	10.30	8.88	7.61	5.99	5.02	2.67

at 25°C

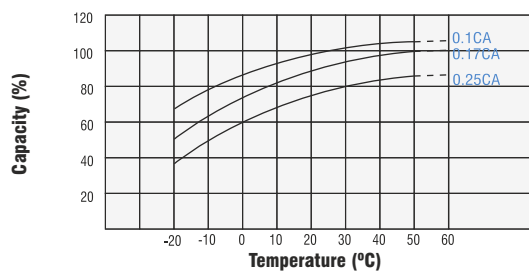
DISCHARGE CURVES / Curvas de Descarga



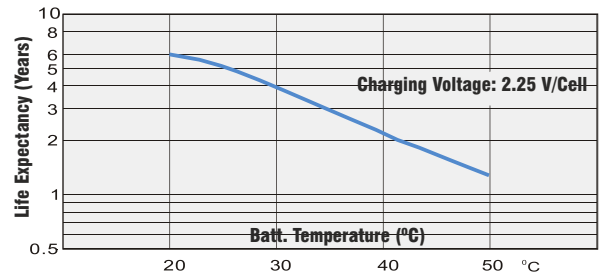
RECHARGING / Recarga



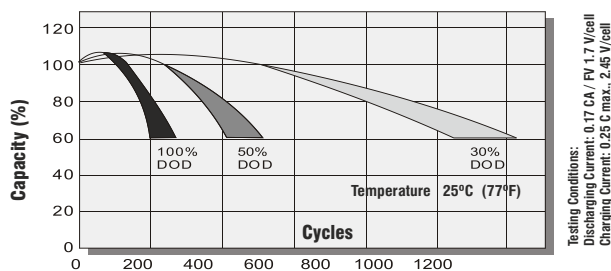
CAPACITY Vs. TEMP. / Capacidad Vs. Temp.



LIFE EXPECTANCY Vs. TEMP. / Vida Vs. Temp.

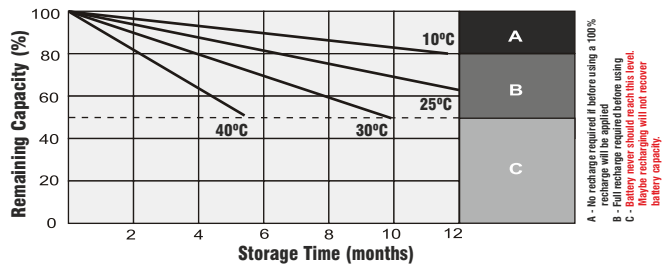


DISCHARGING CYCLES / Vida Vs. Descargas



Testing Conditions:
Discharging Current: 0.17 CA / FV 1.7 V/cell
Charging Current: 0.25 C max., 2.45 V/cell

STORAGE TIME / Tiempo de Almacenaje



A - No recharge required if before using a 100%
B - Full recharge required before using
C - Battery never should reach this level.
Maybe recharging will not recover
battery capacity.

12-26AH: P3