



PK12V26AB1

RECHARGEABLE SEALED LEAD ACID (VRLA) BATTERY

Nominal Voltage 12 Volt

20 Hour Rate Capacity 26 Ah



Dimensions	Inches	mm
Length	6.89	175
Width	6.54	166
Case Height	4.92	125
Terminal Height	4.92	125

[See Drawing for Tolerances]

Weight (Approx.)	Lbs.	Kg
	20.56	9.33

Case Material A.B.S. (UL94-HB)

Terminal Bolt and Nut Type (M5)

Maximum Short Duration Discharge Current	
(5 Seconds or Less)	390 Amperes
(10 Seconds or Less)	260 Amperes
(60 Seconds or Less)	156 Amperes

Internal Resistance (Fully Charged Battery)
(Approximately) 7 mOhm

Energy Density (@ 20 Hour Rate)
1.41 Watt-Hours/Cubic Inch (85.92 Watt-Hours/Litre)

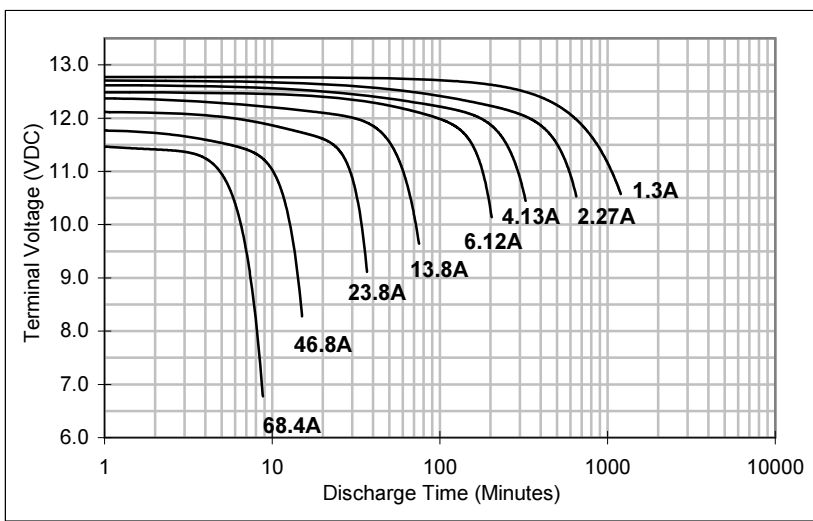
Specific Energy (@ 20 Hour Rate)
15.17 Watt-Hours / Pound (33.45 Watt-Hours / Kg)

Operating Temperature Range	
Discharge	-4°F (-20°C) ~ 122°F (50°C)
Recharge	32°F (0°C) ~ 104°F (40°C)
Storage	-4°F (-20°C) ~ 104°F (40°C)

Self Discharge Rate
About 3% / Month @ 68~77°F (20~25°C)

Constant Current Discharge Characteristics at 73.4°F (23°C)

Discharge Time	Discharge Amperes	Capacity in Ah's	Final Voltage	Discharge C-Rate
20.0 Hrs	1.30	26.00	10.50	0.05
9.2 Hrs	2.60	24.05	10.50	0.10
5.0 Hrs	4.42	22.03	10.29	0.17
4.1 Hrs	5.20	21.17	10.20	0.20
2.1 Hrs	9.10	19.37	9.94	0.35
64.0 Mins	15.6	16.64	9.54	0.6
32.5 Mins	26.0	14.06	9.00	1.0
7.2 Mins	78.0	9.33	6.00	3.0



Recharge Method : Connect battery to a Current Limited, Constant Voltage Source.

- Limit the initial recharge current to 6.5 Amperes or less.
- To promote satisfactory performance in Cyclic applications, a minimum recharge current of 2.6 Amperes is recommended.
- Employ Charge Voltage Temperature Compensation when battery temperature is less than 50°F (10°C) or greater than 86°F (30°C). Use the **Recommended** voltage and normalize to 77°F (25°C).
- The use of compensation through the whole temperature range is not generally necessary, but doing so may optimize service life.
- If the **Recommended** recharge voltage is used, no Temperature Compensation is required within the range of 50~86°F (10~30°C).

Cyclic Application Recharge Voltage (77°F / 25°C)

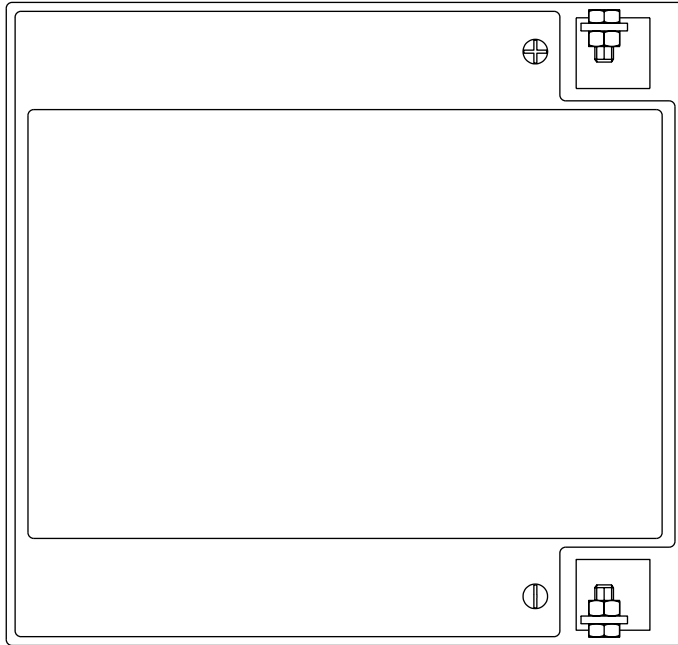
Minimum	Recommended	Maximum	
14.40	14.55	14.70	Volts D.C.
2.40	2.425	2.45	Per Cell

Temperature Coefficient: -2.8mV/°F/Cell (-5mV/°C/Cell)

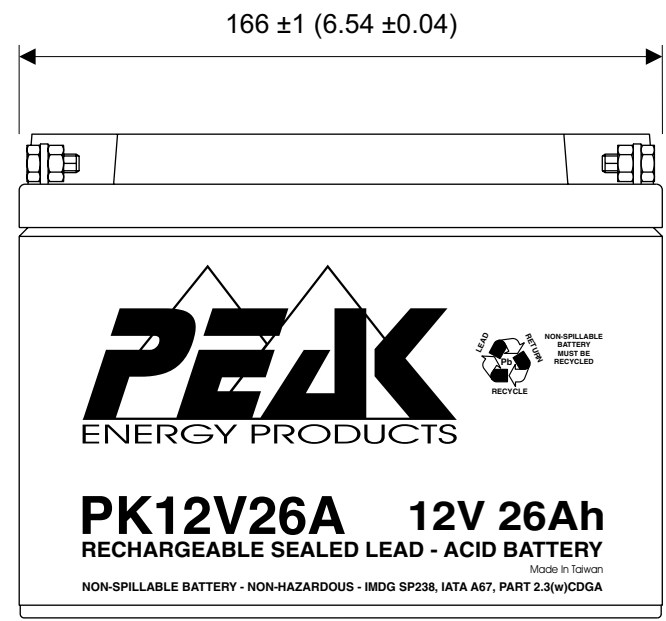
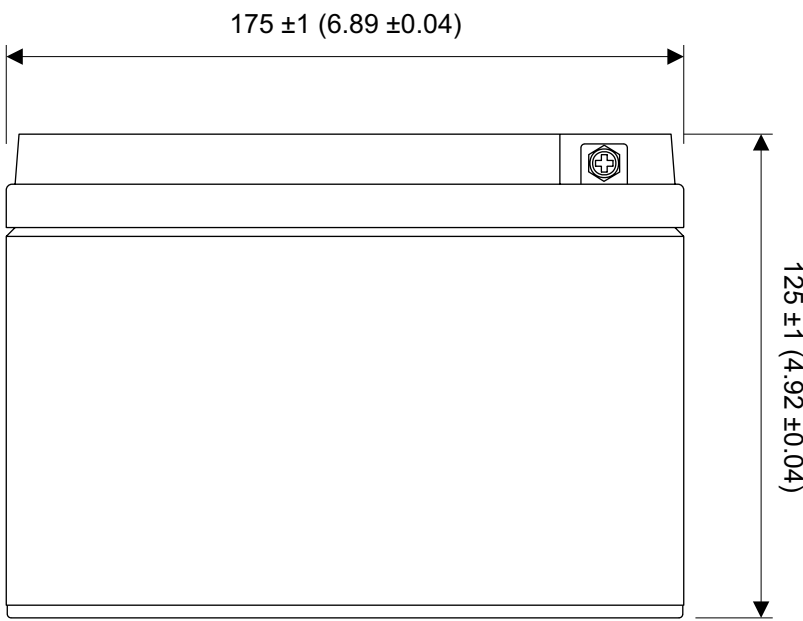
Standby Application Recharge Voltage (77°F / 25°C)

Minimum	Recommended	Maximum	
13.50	13.65	13.80	Volts D.C.
2.25	2.275	2.30	Per Cell

Temperature Coefficient: -1.7mV/°F/Cell (-3mV/°C/Cell)



Peak Energy Products PK Series Rechargeable Sealed Lead-Acid (VRLA) Battery		
Model:	PK12V26A	
Voltage:	12	Capacity: 26 Ah (20 Hr)
Terminal:	Bolt and Nut Type (M5)	
Dimensions:	mm (Inch)	
Drawing:	PK12V26AT-0109CE	
Date:	2001.09.26	
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DO NOT SCALE DRAWING		



PK12V26A 12V 26Ah
RECHARGEABLE SEALED LEAD - ACID BATTERY

Made in Taiwan
NON-SPILLABLE BATTERY - NON-HAZARDOUS - IMDG SP238, IATA A67, PART 2.3(w)CDGA