

X-CEL 12V260Ah

12VX260

- Valen X-CEL range features a deep cycle, rechargeable, Valve Regulated Lead Acid (VRLA) battery. Based on Absorbent Glass Matting (AGM) construction, the Valen X-CEL range is a safe and maintenance-free battery solution, while carrying the advantages of the X-CEL technology.
- Unique high purity virgin lead plates incorporating 1.6% tin assist in reducing both battery sulphation and plate delamination, therefore substantially extending the battery's life.
- Advanced X-CEL Technology and high purity virgin lead plates, including the unique tin formula, gives the Valen X-CEL a 10-year standby design life.
- Maintenance-Free design
- FAA and IATA Approved and is safe for air transportation

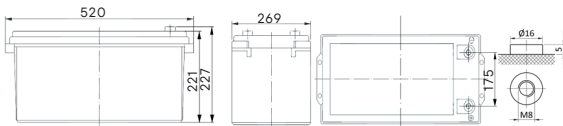




12VX260

BATTERY SPECIFICATIONS

Dimensions



Specifications

Nominals Voltage	12V
Number of Cells	6
Design life	10 years
Normal Capacity 25°	
20 Hr rate (10.5V)	262Ah
10 Hr rate (10.5V)	252Ah
5 Hr rate (10.5V)	217.5Ah
Dimensions	520(L) x 269(W) x 221(H)mm
Weight	74kg
Terminal	M8
Torque Setting	10.5Nm
Charge voltage	Cycle: 14.4 - 14.7V at 25°C Float: 13.2 - 13.8V at 25°C
Internal resistance	3mΩ 25°C - Fully charged Battery
Electrolyte	Sulphuric acid
Operating Temperature	-20°C to +60°C

Discharge Constant Current (Amperes at 25°C)

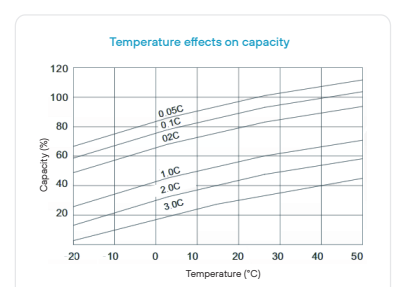
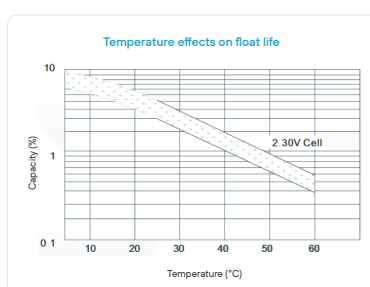
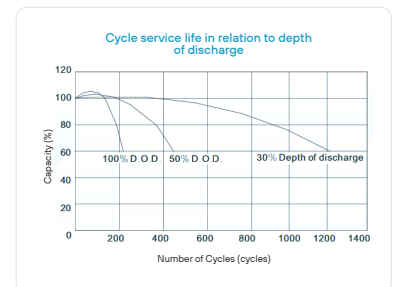
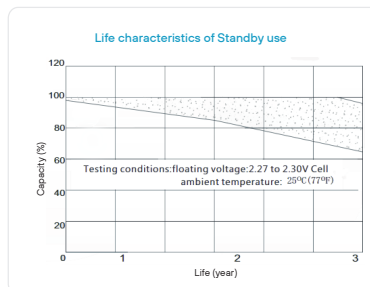
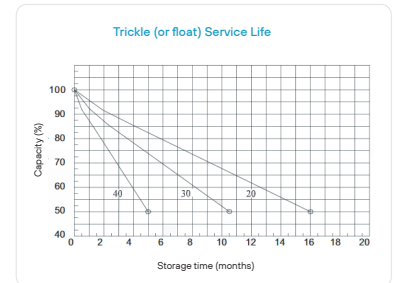
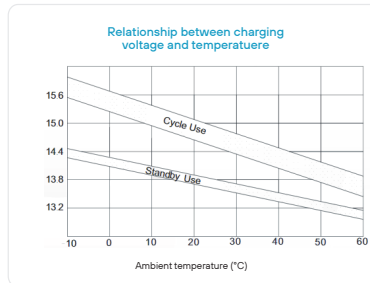
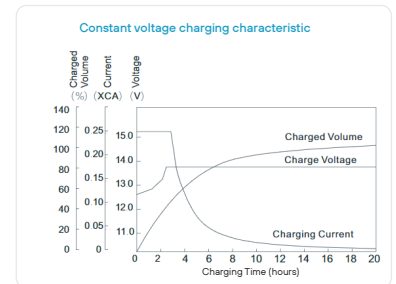
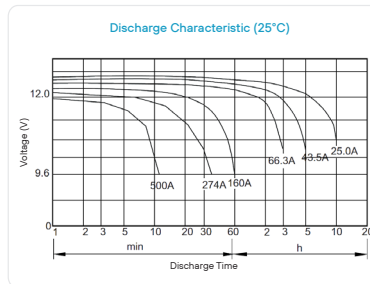
End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	386	240	146	66.3	43.5	25.2	13.1

Discharge Constant Power (Watts at 25°C)

End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	705	449	278	127	85.2	NA	NA

(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

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Specifications subject to change without notice.

PERFORMANCE DATA

12VX260

Discharge Constant Power (Watts at 25°C)

Volts/Cell	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	–	810	497	361	300	182	135	91.0
1.65V	–	770	475	347	291	175	133	88.2
1.70V	–	747	465	343	285	172	131	87.0
1.75V	–	705	449	332	278	165	127	85.2
1.80V	–	660	434	325	268	160	123	83.2

Discharge Constant Current (Amperes at 25°C)

Volts/Cell	10min	15min	30min	45min	1h	3h	5h	10h
1.60V	–	463	274	195	160	72.3	47.2	25.6
1.65V	–	430	258	186	153	69.5	45.5	25.4
1.70V	–	415	252	182	150	68.3	44.8	25.3
1.75V	–	386	240	178	146	66.3	43.5	25.2
1.80V	–	357	229	176	142	64.2	42.5	25.0