

# Eaton 12V 34W Battery



## Features

- Designed for high power density applications
- Small volume, lightweight and high discharge efficiency
- Can be used for more than 260 cycles at 100% discharge in cycle service
- UL-recognized components under UL924 and certified by ISO 9001 and ISO 14001
- Exclusive two-year battery parts coverage and one-year battery labor coverage

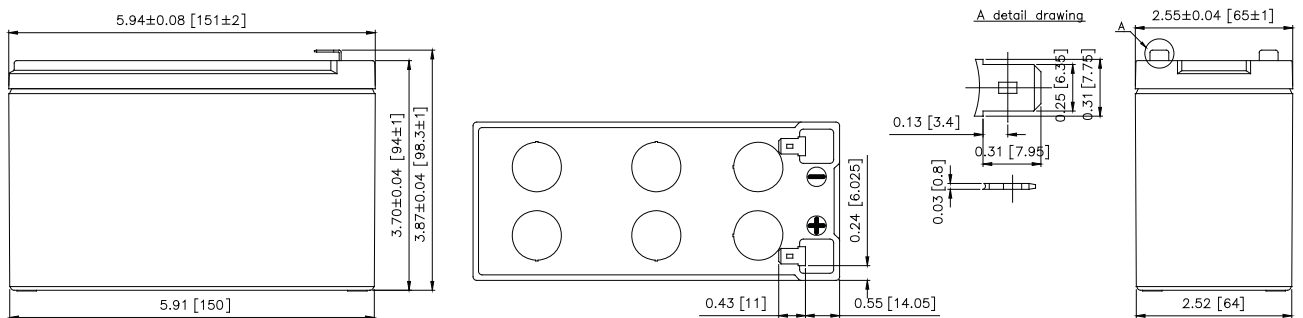
## CONSTANT POWER DISCHARGE CHARACTERISTICS: WATTS/CELL (77°F, 25°C)

End point volts/cell	2 min	4 min	6 min	8 min	10 min	15 min	20 min	30 min	60 min	90 min
1.85V	68	57	47	41	36	29	23	17	10	7
1.80V	76	61	51	44	40	32	25	18	10	8
1.75V	84	66	54	47	42	33	25	18	11	8
1.70V	92	70	57	49	43	34	26	19	11	8
1.67V	97	73	59	50	44	34	26	19	11	8
1.60V	107	78	63	51	44	34	27	19	11	8

All mentioned values are average values per battery per cell.

Tolerance: X <6 min (+15% ~ -15%), 6 min X < 10 min (+12% ~ -12%), 10 min X < 60 min (+8% ~ -8%), X 60 min (+5% ~ -5%)

## DIMENSIONS [H x W x D, in (mm)]



Powering Business Worldwide

# Technical specifications

Cells per unit	6
Voltage per unit	12
Capacity	34W @ 15-minute rate to 1.67V per cell @ 77°F (25°C)
Weight	Approximately 5.64 lb (2.56 kg)
Maximum discharge current	130A (5 sec)
Internal resistance	Approximately 17 mΩ
Operating temperature range	Discharge: 5°F~122°F (-15°C~50°C) Charge: 5°F~104°F (-15°C~40°C) Storage: 5°F~104°F (-15°C~40°C)
Nominal operating temperature range	77°F ± 5°F (25°C ± 3°C)
Float charging voltage	13.5 to 13.8 Vdc/unit Average at 77°F (25°C)
Recommended maximum charging current limit	3.4A
Equalization and cycle service	14.4 to 15.0 Vdc/unit Average at 77°F (25°C)
Self discharge	Batteries can be stored for six months at 77°F (25°C). Please charge batteries before using. For higher temperatures the time interval will be shorter. Voltage test prior to battery installation is recommended.
Terminal	F2- Faston Tab 250
Container material	ABS UL94-HB/File E50263 Flammability resistance of UL94-V0/File E88637 is available upon request.



PowerChain Management®

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