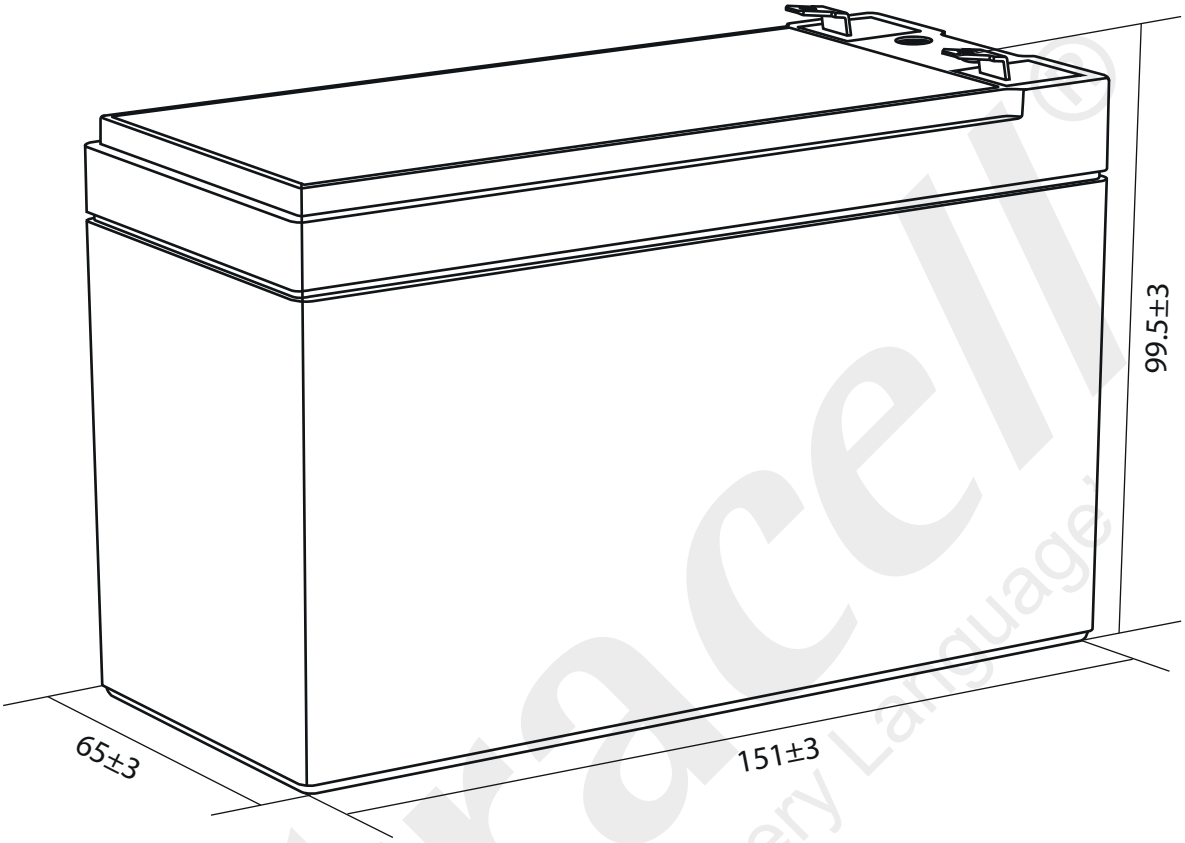
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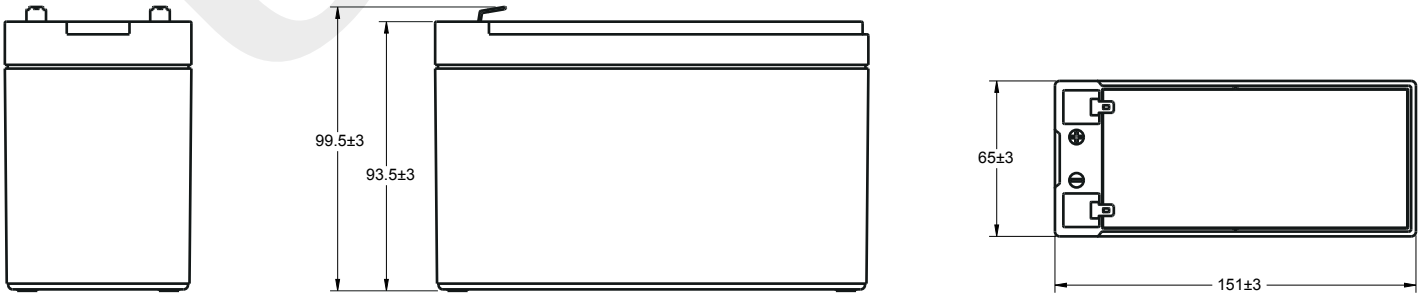
UHR9-12

12V 9AH
34.6W15 1.67V/CELL
High Rated UPS Series



2.52 kg
Approx

Technical Dimensions (mm)



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TechData

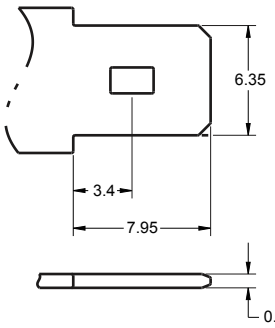
UHR9-12
12V 9AH
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Image

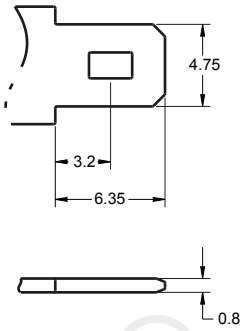


Terminal Dimensions (mm)

Standard Terminal: F2



Optional Terminal: F1



Technical Specification

Output	Nominal Voltage	12V
	Watts @ 15min, 1.67V/Cell	34.6W
Terminal Type	Standard Terminal	F2
	Optional Terminal	F1
Container Material	Standard Option	ABS
	Flame Retardant Option (FR)	ABS (UL94:V0)
Rated Capacity	(20HR 1.75V/cell, 25°C)	9.0 Ah / 0.450A
Max. Discharge Current	252A (5s)	
Internal Resistance	Approx 17mΩ	
Discharge Characteristics	Operating Temp Range	Discharge: -15 ~ 50°C Charge: -20 ~ 40°C Storage: -15 ~ 40°C
	Nominal Operating Temp Range	25 ± 3°C
	Cycle Use	Initial Charging Current less than 2.7A. Voltage 14.1V ~ 14.7V @ 25°C Temp. Coefficient -30mV/°C
	Standby Use	Initial Charging Current less than 2.7A. Voltage 13.5V ~ 13.8V @ 25°C Temp. Coefficient -18mV/°C
	Capacity affected by Temperature	40°C 103% 25°C 100% 0°C 86%
Design Floating Life at 20°C	5 Years	

Self Discharge

Ultracell® UHR batteries may be stored for up to 6 months at 25°C and then a refresh charge is required. For higher temperatures the time intervals will be shorter.

Constant Current Discharge / Constant Power Discharge At 25°C (Amperes & Watts/Cell)

A = Amperes W = Watts

F.V/TIME (A / W)	5 min	10 min	15 min	20 min	30 min	45 min	60 min	90 min	2 hours	3 hours	4 hours	5 hours	6 hours	8 hours	10 hours	20 hours
1.85V/cell	30.2 57.1	20.7 39.4	16.1 30.8	12.9 24.8	9.34 18.1	6.72 13.0	5.41 10.5	3.92 7.66	3.08 6.03	2.22 4.37	1.77 3.49	1.51 2.98	1.29 2.55	1.02 2.02	0.832 1.65	0.440 0.880
1.80V/cell	32.4 60.8	21.9 41.4	16.9 32.1	13.4 25.7	9.63 18.5	6.90 13.3	5.54 10.8	4.00 7.79	3.14 6.13	2.26 4.43	1.80 3.53	1.53 3.02	1.31 2.59	1.03 2.04	0.843 1.67	0.445 0.890
1.75V/cell	34.2 63.3	22.8 42.8	17.4 33.0	13.8 26.2	9.88 18.9	7.05 13.6	5.66 10.9	4.08 7.91	3.19 6.22	2.30 4.49	1.82 3.58	1.55 3.05	1.33 2.62	1.04 2.06	0.851 1.69	0.450 0.900
1.70V/cell	35.8 65.7	23.7 44.2	18.0 33.9	14.2 26.9	10.1 19.3	7.21 13.8	5.76 11.1	4.15 8.03	3.24 6.30	2.33 4.55	1.85 3.62	1.57 3.09	1.34 2.64	1.05 2.08	0.860 1.71	0.454 0.907
1.67V/cell	37.0 67.4	24.4 45.2	18.5 34.6	14.5 27.4	10.3 19.6	7.32 14.0	5.85 11.2	4.20 8.11	3.28 6.36	2.35 4.59	1.86 3.65	1.58 3.11	1.35 2.67	1.06 2.10	0.866 1.72	0.457 0.914
1.60V/cell	39.3 70.1	25.4 46.5	19.1 35.6	14.9 28.0	10.6 20.0	7.50 14.3	5.98 11.4	4.29 8.30	3.34 6.46	2.40 4.66	1.90 3.71	1.61 3.15	1.37 2.70	1.08 2.13	0.877 1.74	0.462 0.924

VdS
MH29410
CE EMC 1188-C
IEC 60896
IEC 62321
Qualitas Veritas ISO 9001:2015

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TechData

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34.6W$_{15}$1.67V/CELL
High Rated UPS Series

VdS

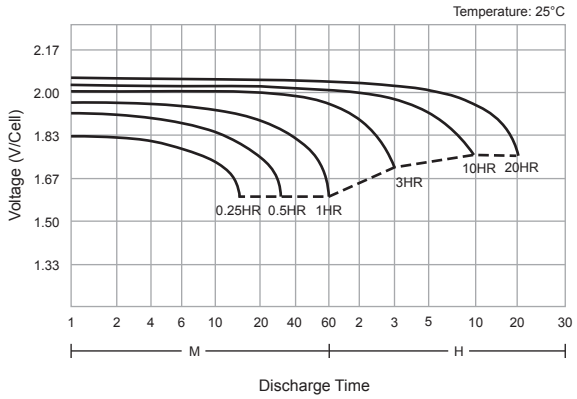
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EMC 1188-C

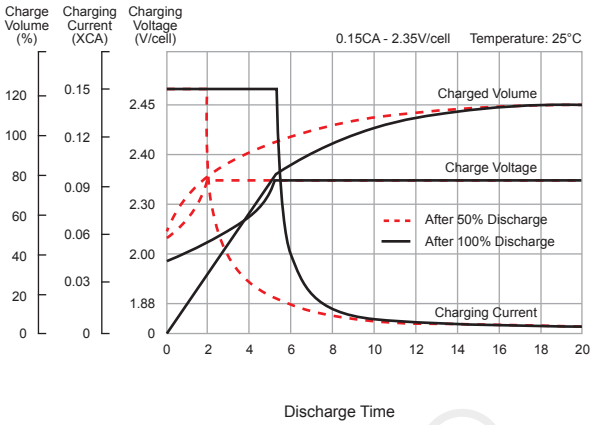
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Qualitas Veritas
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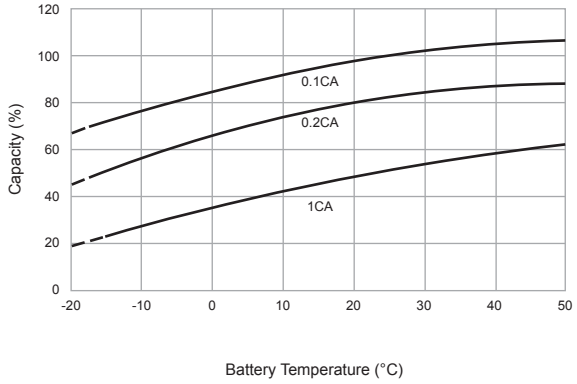
Discharge Characteristics



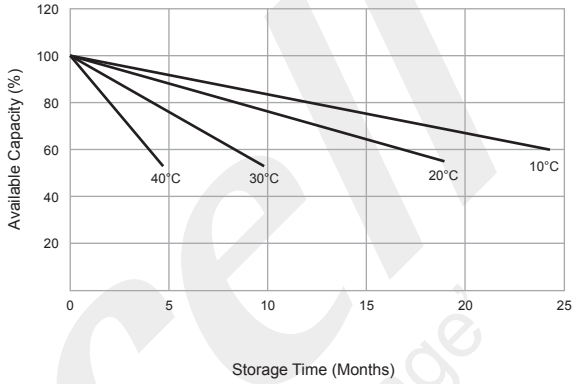
Charging Characteristics



Effects of Temperature on Capacity



Self Discharge Characteristics



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