

**TELECOM Series, Front Terminal  
BC-12V155F**

**FEATURES**

- Absorbent Glass Mat (AGM) technology for efficient gas recombination and superior performance
- High impact UL94 V-0 flame retardant ABS, LOI>28%
- High conductivity copper alloy front terminal design for easy installation and maintenance
- Integrated handles for easy handling
- Fits in all 23" standard relay racks
- One-way vent design for safety and long life
- 10-year design life
- Automated online battery reporting, powered by OMS™ -BatteryTrak™ technology
- Self Discharge rate of 3% per month at 25°C

**SPECIFICATIONS**

<b>Nominal Voltage</b>	12 volts (6 cells in series)
<b>Nominal Capacity</b>	
20 hour rate	169 AH (8.45 A to 1.75 vpc)
8 hour rate	152 AH (19.0 A to 1.75 vpc)
<b>Dimensions</b>	
Length	21.95 in (558 mm)
Length Base	20.87 in (530 mm)
Width	4.92 in (125 mm)
Height	11.14 in (283 mm)
<b>Weight</b>	119 lbs (54 kg) Maximum
<b>Terminal</b>	
Torque Value	100 in-lbs (11.3 Nm)
Type	Copper Alloy Insert - M6 w/ Stud – M5
<b>Internal Resistance</b>	3.9 mΩ
<b>Maximum Discharge Current</b>	
Continuous	450 amperes
Short Duration (< 10 sec)	930 amperes
<b>Operating Temperature Range</b>	
Charge	-20°F (-28°C) to +122°F (50°C) (with temp. V compensation)
Discharge	-40°F (-40°C) to +122°F (50°C)
Nominal/Recommended	+68°F (20°C) to +77°F (25°C)
Storage	-4°F (-20°C) to +104°F (40°C)
<b>Charge Voltage</b>	
Float	13.4 to 13.6, constant at 77°F (25°C)
Cycle	14.1 to 14.7, constant at 77°F (25°C)
<b>Maximum Charge</b>	38 amperes

**BatteryCorp Batteries  
Standards Compliance**

<b>Telcordia SR-4228</b>	<b>US DOT-CFR 49</b>
<b>UL 924 Approval</b>	<b>IEC 60896-2</b>
<b>Certified :</b>	<b>ISO 9001:2000</b>
<b>NEBS Version 4, Level 3</b>	<b>ISO 14001</b>
<b>Telcordia GR-1089-Core, Issue 3</b>	
<b>Telcordia GR-63-Core, Issue 3</b>	

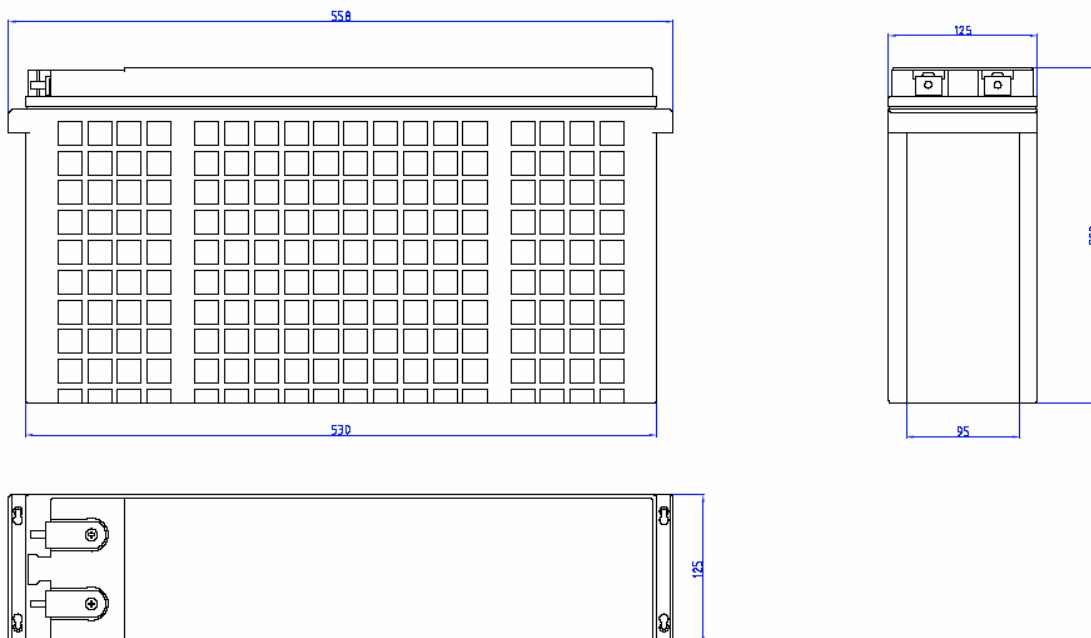
**DISCHARGE**

1.75 vpc @ 77°F (25°C)	Amperes	Capacity
1 Hour	103.4	103.4
2 Hour	59.0	118.0
3 Hour	42.7	128.2
4 hour	34.0	135.8
5 Hour	28.7	143.6
8 Hour	19.0	151.9
10 Hour	15.8	158.3
20 Hour	8.45	169.0

## BC-12V155F

### Constant Current Discharge Data Time (h) – Amperes @ 25°C (77°F)

end vpc	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8	9	10	12	20
1.75	176.8	103.4	74.3	59.0	49.0	42.7	37.5	34.0	30.7	28.7	26.5	24.6	21.4	19.0	17.3	15.8	13.5	8.45
1.78	172.1	100.6	72.4	57.6	47.8	41.7	36.7	33.2	30.0	28.1	25.9	24.0	21.1	18.6	17.0	15.5	13.2	8.37
1.80	167.4	99.0	71.4	56.7	47.2	41.1	36.2	32.7	29.6	27.7	25.6	23.7	20.8	18.4	16.8	15.5	13.1	8.29
1.82	164.2	97.2	70.1	55.8	46.4	40.5	35.6	32.2	29.2	27.3	25.2	23.4	20.5	18.3	16.5	15.1	12.9	8.26
1.84	158.0	95.2	68.8	54.8	45.6	39.8	35.0	31.7	28.7	26.9	24.8	23.0	20.2	18.0	16.3	14.9	12.7	8.17
1.86	155.2	93.5	67.6	53.9	44.9	39.2	34.5	31.3	28.3	26.5	24.5	22.7	20.0	17.8	16.1	14.7	12.6	8.08
1.88	149.6	91.8	66.4	53.0	44.1	38.6	33.9	30.8	27.9	26.1	24.1	22.4	19.6	17.5	15.8	14.5	12.4	7.95
1.90	146.4	89.8	65.1	52.0	43.4	37.9	33.4	30.3	27.4	25.7	23.7	22.0	19.3	17.3	15.6	14.3	12.2	7.85



**OMS™-BatteryTrak™** is a powerful technology for tracking and reporting the status of batteries in the field, utilizing advanced algorithms, analysis and non-invasive testing.

Battery information available to customers online includes:

- Run time analysis
- State-of-health (SOH)
- Installation configuration
- Warranty tracking
- Anomaly reporting

**OMS™ – BatteryTrak comes bundled with all BatteryCorp batteries and offers a clear ROI for customers.**