

A1200

KEY FEATURES

- Advanced AGM construction - no water levels to fill or corrosion to clean.
- Proprietary plate construction delivers maximum cranking amps.
- Flexible design - can be installed in any orientation except inverted.
- High cyclic life capability +500 C/3 @ 80% DOD.
- Low internal resistance - provides for very high discharge and recharge rates.
- Flame retardant (UL 94 VO) PC-ABS plastic case and cover.
- 3 step terminal seal design to ensure leak-free operation.
- Integral handles ensure ease of handling.
- Approved as non-hazardous cargo for ground, sea and air transportation.

SPECIALTY ENGINE-STARTING



ALL APOLLO PRODUCTS ARE COMPLIANT WITH:

- ✦ DOT 49CFR173.159(d)
 - (i) and (ii)
- ✦ UL Approval

Apollo Battery Company is proud to be registered to ISO-9001:2000 and ISO-14001 standards.

ELECTRICAL CHARACTERISTICS

Refer to the Apollo detailed performance tables for additional current, capacity and power information.

BCI Group Number □	22 R				
Cold Cranking Amps @ 0°F □	630 amps				
Cranking Amps @ 32°F □	800 amps				
Reserve Capacity - minutes □	90 minutes				
Shelf life □	2 years				
Short Circuit Current □	2,000 amps				
Voltage □	12 volts □				

Ampere Hour Capacity to 1.75 vpc @ 77°F (25°C) □	<i>20 Hr.</i>	<i>8 Hr.</i>	<i>5 Hr.</i>	<i>3 Hr.</i>	<i>1 Hr.</i>
	46.3	41.4	40.5	39.3	35.4

Discharge Amps per 12v battery to 1.75 vpc @ 77°F (25°C) □	<i>5 mins</i>	<i>10 mins</i>	<i>15 mins</i>	<i>20 mins</i>	<i>30 mins</i>	<i>60 mins</i>	<i>120 mins</i>
	220.8	143.4	107.9	87	63.3	35.4	19.1 □

MECHANICAL CHARACTERISTICS

	<i>SI Units</i> □	<i>English Units</i>
Height □	176 mm □	6.93 inches □
Width □	165 mm □	6.50 inches
Length □	197 mm □	7.75 inches
Weight □	16.0 kilograms □	35.3 pounds
Terminal Torque □	6.0 Newton-meters □	53 inch-pounds

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PERFORMANCE TABLES @ 77°F

Current / A

Duration □		End of Discharge Voltage								
□ Mins □	□ Hours □	1.85 □	1.80 □	1.75 □	1.70 □	1.67 □	1.65 □	1.60 □	1.55 □	1.50
□ 2 □	0.03 □	224.0 □	258.5 □	292.4 □	324.2 □	341.6 □	352.3 □	375.3 □	392.0 □	401.3
□ 5 □	0.08 □	154.2 □	170.3 □	185.1 □	198.1 □	204.7 □	208.6 □	216.2 □	220.5 □	221.4
□ 10 □	0.17 □	104.4 □	112.3 □	119.4 □	125.3 □	128.2 □	129.8 □	132.9 □	134.3 □	134.3
□ 15 □	0.25 □	80.1 □	85.2 □	89.6 □	93.2 □	94.9 □	95.9 □	97.7 □	98.5 □	98.5
□ 20 □	0.33 □	65.5 □	69.1 □	72.2 □	74.7 □	76.0 □	76.7 □	77.9 □	78.4 □	78.4
□ 30 □	0.50 □	48.5 □	50.7 □	52.6 □	54.1 □	54.9 □	55.3 □	56.0 □	56.4 □	56.4
□ 45 □	0.75 □	35.3 □	36.6 □	37.8 □	38.7 □	39.2 □	39.4 □	39.9 □	40.2 □	40.2
□ 60 □	1 □	28.0 □	28.9 □	29.7 □	30.4 □	30.7 □	30.9 □	31.3 □	31.5 □	31.5
□ 120 □	2 □	15.6 □	16.0 □	16.4 □	16.7 □	16.9 □	17.0 □	17.2 □	17.3 □	17.4
□ 180 □	3 □	11.0 □	11.3 □	11.5 □	11.7 □	11.8 □	11.9 □	12.0 □	12.1 □	12.2
□ 240 □	4 □	8.5 □	8.8 □	9.0 □	9.1 □	9.2 □	9.3 □	9.4 □	9.4 □	9.5
□ 300 □	5 □	7.0 □	7.2 □	7.4 □	7.5 □	7.6 □	7.6 □	7.7 □	7.8 □	7.8
□ 480 □	8 □	4.7 □	4.8 □	4.9 □	5.0 □	5.1 □	5.1 □	5.2 □	5.2 □	5.2
□ 600 □	10 □	3.9 □	4.0 □	4.1 □	4.2 □	4.2 □	4.2 □	4.3 □	4.3 □	4.3
□ 1200 □	20 □	2.2 □	2.3 □	2.3 □	2.4 □	2.4 □	2.4 □	2.4 □	2.4 □	2.4

Capacity / Ah

Duration □		End of Discharge Voltage								
□ Mins □	□ Hours □	1.85 □	1.80 □	1.75 □	1.70 □	1.67 □	1.65 □	1.60 □	1.55 □	1.50
□ 2 □	0.03 □	7.5 □	8.6 □	9.7 □	10.8 □	11.4 □	11.7 □	12.5 □	13.1 □	13.4
□ 5 □	0.08 □	12.9 □	14.2 □	15.4 □	16.5 □	17.1 □	17.4 □	18.0 □	18.4 □	18.5
□ 10 □	0.17 □	17.4 □	18.7 □	19.9 □	20.9 □	21.4 □	21.6 □	22.1 □	22.4 □	22.4
□ 15 □	0.25 □	20.0 □	21.3 □	22.4 □	23.3 □	23.7 □	24.0 □	24.4 □	24.6 □	24.6
□ 20 □	0.33 □	21.8 □	23.0 □	24.1 □	24.9 □	25.3 □	25.6 □	26.0 □	26.1 □	26.1
□ 30 □	0.50 □	24.3 □	25.3 □	26.3 □	27.1 □	27.4 □	27.6 □	28.0 □	28.2 □	28.2
□ 45 □	0.75 □	26.5 □	27.5 □	28.3 □	29.0 □	29.4 □	29.6 □	30.0 □	30.1 □	30.1
□ 60 □	1 □	28.0 □	28.9 □	29.7 □	30.4 □	30.7 □	30.9 □	31.3 □	31.5 □	31.5
□ 120 □	2 □	31.2 □	32.0 □	32.7 □	33.4 □	33.7 □	33.9 □	34.3 □	34.6 □	34.7
□ 180 □	3 □	32.9 □	33.8 □	34.5 □	35.2 □	35.5 □	35.7 □	36.1 □	36.4 □	36.6
□ 240 □	4 □	34.1 □	35.0 □	35.8 □	36.5 □	36.9 □	37.1 □	37.5 □	37.8 □	37.9
□ 300 □	5 □	35.1 □	36.1 □	36.9 □	37.6 □	38.0 □	38.2 □	38.6 □	38.9 □	39.0
□ 480 □	8 □	37.4 □	38.5 □	39.5 □	40.3 □	40.7 □	40.9 □	41.2 □	41.4 □	41.4
□ 600 □	10 □	38.6 □	39.8 □	40.9 □	41.8 □	42.1 □	42.3 □	42.7 □	42.8 □	42.8
□ 1200 □	20 □	43.2 □	45.1 □	46.6 □	47.7 □	48.1 □	48.2 □	48.3 □	47.9 □	47.9

Power / W per cell

Duration □		End of Discharge Voltage								
□ Mins □	□ Hours □	1.85 □	1.80 □	1.75 □	1.70 □	1.67 □	1.65 □	1.60 □	1.55 □	1.50
□ 2 □	0.03 □	408.9 □	465.8 □	520.5 □	570.6 □	597.4 □	613.6 □	647.4 □	670.1 □	680.5
□ 5 □	0.08 □	291.8 □	318.1 □	341.8 □	362.2 □	372.5 □	378.4 □	389.7 □	395.7 □	396.1
□ 10 □	0.17 □	201.4 □	214.4 □	225.7 □	235.0 □	239.5 □	242.1 □	246.7 □	248.6 □	248.6
□ 15 □	0.25 □	156.1 □	164.3 □	171.4 □	177.2 □	180.0 □	181.5 □	184.2 □	185.3 □	185.3
□ 20 □	0.33 □	128.3 □	134.2 □	139.3 □	143.4 □	145.4 □	146.5 □	148.4 □	149.1 □	149.1
□ 30 □	0.50 □	95.6 □	99.3 □	102.5 □	105.0 □	106.2 □	106.9 □	108.1 □	108.6 □	108.6
□ 45 □	0.75 □	69.9 □	72.2 □	74.2 □	75.8 □	76.6 □	77.1 □	77.9 □	78.2 □	78.2
□ 60 □	1 □	55.5 □	57.2 □	58.6 □	59.8 □	60.4 □	60.7 □	61.3 □	61.7 □	61.7
□ 120 □	2 □	31.1 □	31.9 □	32.6 □	33.2 □	33.5 □	33.7 □	34.0 □	34.2 □	34.3
□ 180 □	3 □	21.9 □	22.5 □	23.0 □	23.4 □	23.6 □	23.7 □	23.9 □	24.1 □	24.2
□ 240 □	4 □	17.1 □	17.5 □	17.9 □	18.2 □	18.4 □	18.5 □	18.6 □	18.8 □	18.8
□ 300 □	5 □	14.0 □	14.4 □	14.7 □	15.0 □	15.1 □	15.2 □	15.3 □	15.4 □	15.5
□ 480 □	8 □	9.3 □	9.6 □	9.8 □	10.0 □	10.1 □	10.1 □	10.2 □	10.2 □	10.2
□ 600 □	10 □	7.7 □	7.9 □	8.1 □	8.3 □	8.3 □	8.4 □	8.4 □	8.4 □	8.4
□ 1200 □	20 □	4.3 □	4.5 □	4.6 □	4.6 □	4.7 □	4.7 □	4.7 □	4.6 □	4.6