

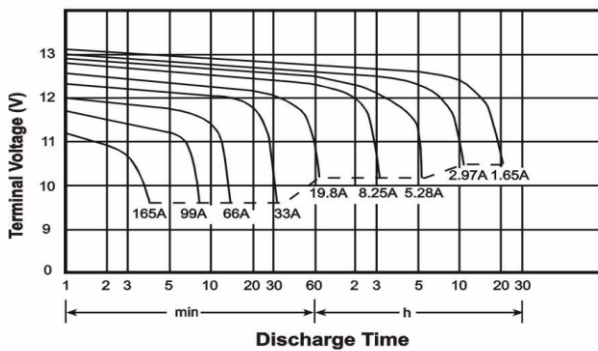


DATA SHEET WINNER APOLLO 33 - 12

*NOMINAL VOLTAGE : 12V	*CAPACITY 25 °C / 77° F
*NOMINAL CAPACITY (20hrs) : 33Ah	20 hr @ 1.65A : 33 Ah
*DIMENSIONS	10 hr @ 2.97A : 29.7 Ah
TOTAL HEIGHT : 179mm (7.05inches)	5 hr @ 5.28A : 26.4 Ah
CONTAINER HEIGHT : 158mm (6.22inches)	1 hr @ 19.8A : 19.8 Ah
LENGTH : 195.5mm (7.70inches)	1 C @ 33A : 16.5 Ah
WIDTH : 130mm (5.12inches)	*INTERNAL RESISTANCE (25 °C,77° F) : 13 mΩ
WEIGHT : APPROX 11.94Kg (26.32lbs)	*CHARGING VOLTAGE (25 °C,77° F)
*MAX DISCHARGE CURRENT : 264A (5sec)	STANDBY USA : 2.275±0.025V/CELL
*MAX SHORT DURATION DISCHARGE CURRENT: 660A (0.1sec)	: (-3.3mV/ °C/CELL)
*STANDARD TERMINALS : F13	CYCLE USE : 2.45±0.05V/CELL
*CONTAINER MATERIAL : GENERAL GRADE ABS	: (-5mV/ °C/CELL)
	*MAX CHARGING CURRENT : 9.9A

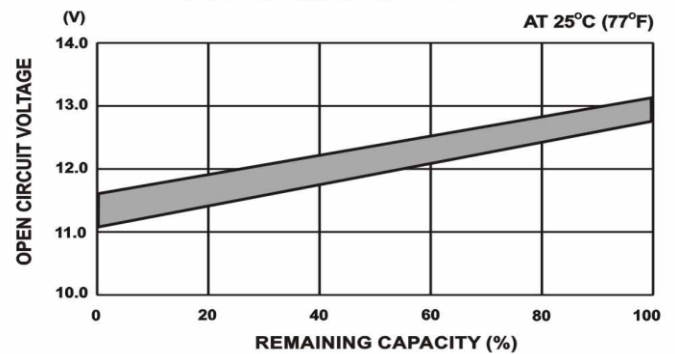
☆ SPECIFICATIONS

Discharge Characteristics 25 °C (77 °F)



☆ CHARACTERISTICS

OPEN CIRCUIT VOLTAGE VS REMAINING CAPACITY

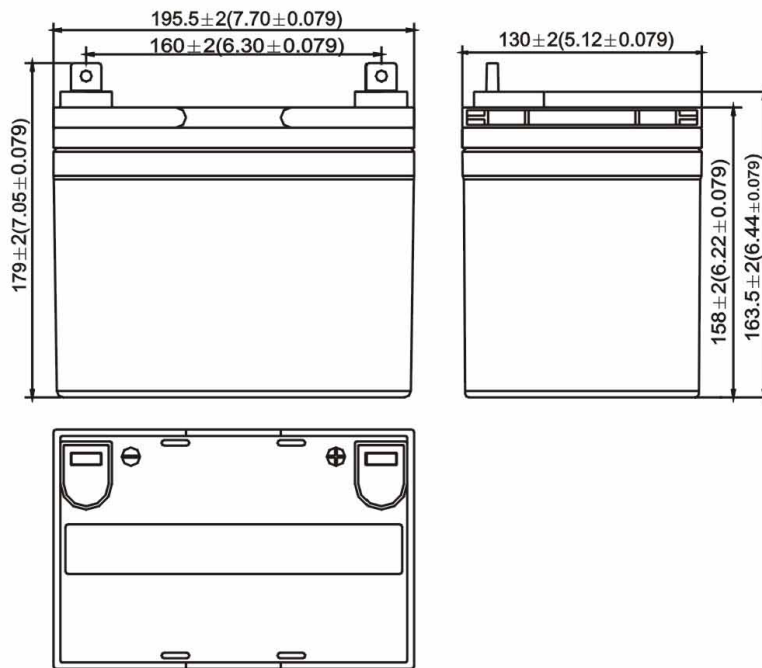


CONSTANT POWER DISCHARGE CHARACTERISTICS UNIT: WATT (25°C) M:MINUTES H:HOURS

F.V./TIME	5M	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H
1.60V	259W	175W	140W	82.1W	61.4W	50.7W	29.3W	20.6W	13.8W	8.76W	7.16W
1.65V	256W	174W	138W	81.9W	61.0W	50.0W	28.9W	20.3W	13.8W	8.76W	7.16W
1.67V	153W	173W	137W	81.0W	60.1W	49.6W	28.6W	20.2W	13.8W	8.76W	7.16W
1.70V	148W	171W	135W	78.8W	58.9W	48.8W	28.2W	19.9W	13.8W	8.76W	7.16W
1.75V	142W	166W	130W	77.4W	57.8W	47.9W	27.7W	19.6W	13.6W	8.66W	7.12W
1.80V	235W	161W	126W	76.1W	56.7W	47.1W	27.2W	19.4W	13.4W	8.54W	7.05W

☆ DIMENSIONS

mm(inch)



☆ TERMINALS

F13

