

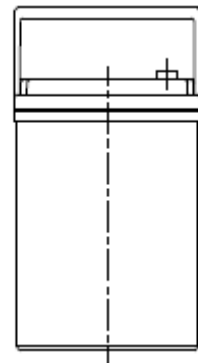
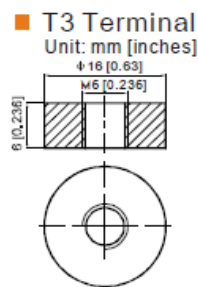
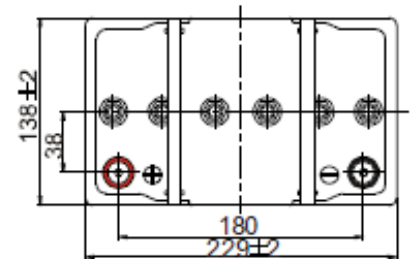
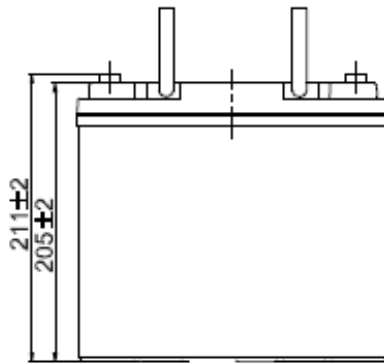


TYP AKUMULATORA: Toyama – NPCG55 12V
Deep Cycle Gel Battery



Specyfikacja techniczna:

Napięcie	12 Volt	
Pojemność	55 Ah	
Wymiary	długość	229 mm
	szerokość	138 mm
	wysokość	205 mm
	całkowita wys.	211 mm
Masa akumulatora	17kg	
Rodzaj obudowy	ABS	
Rezystancja wewnętrzna	<10,0mΩ	
Pojemność znamionowa	C-20 (1,75V/cell,25°C)	55 Ah
	C-5 (1,75V/cell,25°C)	48 Ah
	C-1 (1,60V/cell,25°C)	30 Ah
Zakres temperatur pracy	rozładowanie	-20 - 55°C
	ładowanie	- 10 - 40°C
	przechowywanie	-20 - 50°C
Pojemność w danej temperaturze	40°C	102%
	25°C	100%
	0°C	90%
	-15°C	70%
samorozładowanie	po 3 mies.	92%
	po 6 mies.	84%
	po 12 mies.	65%



Praca cykliczna – maksymalny prąd ładowania nie wyższy niż 10A
Napięcie ładowania 14,4V-14,9V w temp. 25°C. Korekta -30mV/°C
Napięcie ładowania 13,6V-13,8V w temp. 25°C. Korekta -20mV/°C

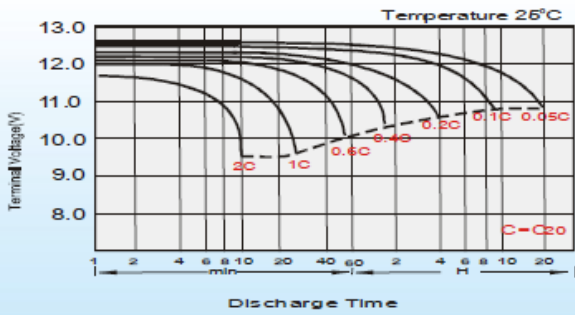
Tabela rozładowania stałym prądem (Amper) 25°C

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	56.5	48.9	43.9	35.0	26.6	22.2	14.0	10.5	8.61	7.37	6.40	5.16	4.38	2.44
1.80V/cell	67.8	56.5	50.0	39.0	29.9	24.7	15.2	11.3	9.22	7.83	6.79	5.45	5.00	2.75
1.75V/cell	78.7	64.3	55.6	42.4	31.9	26.2	15.9	11.9	9.59	8.09	7.00	5.58	4.68	2.54
1.70V/cell	87.4	70.1	59.7	45.0	33.3	27.3	16.7	12.3	9.87	8.31	7.20	5.70	4.76	2.58
1.67V/cell	93.6	73.6	62.2	46.7	34.6	28.3	17.1	12.6	10.1	8.52	7.34	5.79	4.83	2.60
1.60V/cell	102.0	78.7	66.6	49.5	36.6	29.7	17.8	13.1	10.4	8.74	7.50	5.87	4.91	2.63

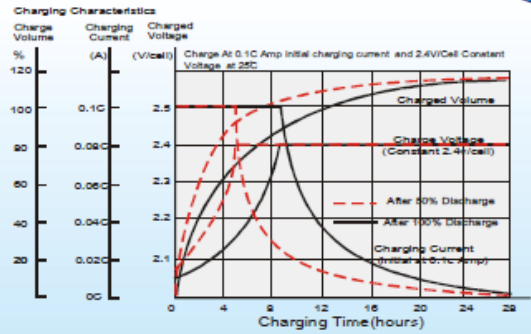
Tabela rozładowania mocą (Watt) 25°C

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	106.1	92.6	83.9	67.3	51.5	43.2	27.2	20.6	16.9	14.5	12.7	10.2	8.71	4.87
1.80V/cell	125.6	105.4	94.2	74.2	57.5	47.8	29.4	22.1	18.0	15.4	13.4	10.8	9.15	4.99
1.75V/cell	143.5	118.6	103.7	80.2	60.9	50.3	30.8	23.1	18.7	15.8	13.8	11.0	9.28	5.05
1.70V/cell	157.0	127.8	110.3	84.5	63.4	52.4	32.2	23.8	19.2	16.2	14.1	11.3	9.42	5.13
1.67V/cell	166.2	132.8	114.1	87.1	65.5	54.0	32.9	24.4	19.6	16.6	14.4	11.4	9.56	5.18
1.60V/cell	177.9	140.1	120.8	91.3	68.6	56.2	33.9	25.1	20.1	17.0	14.7	11.5	9.70	5.22

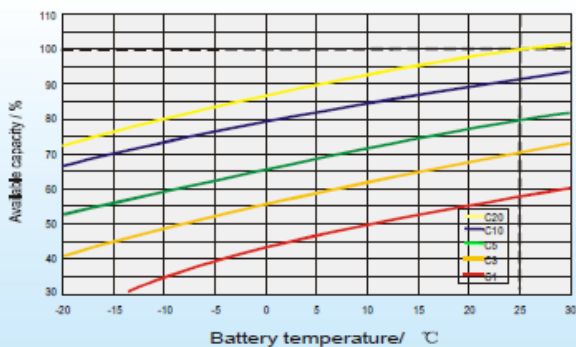
Discharge Characteristics



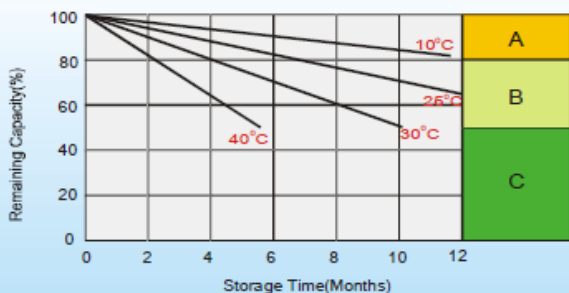
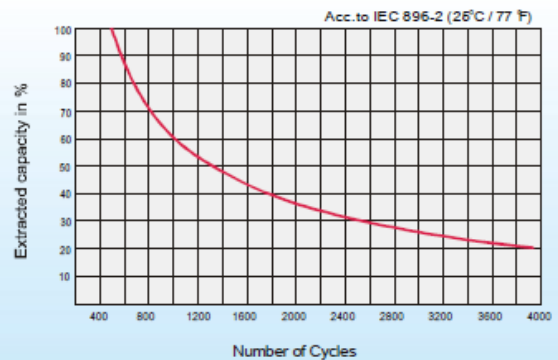
Charging Characteristics (cycle use)



Temperature Effects in Relation to Battery Capacity



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics

- A** No supplementary charge required
(Carry out supplementary charge before use if 100% capacity is required.)
- B** Supplementary charge required before use. Optional charging way as below:
 1. Charged for above 3 days at limited current 0.25CA and constant voltage 2.25V/cell.
 2. Charged for above 20hours at limited current 0.25CA and constant voltage 2.45V/cell.
 3. Charged for 8-10hours at limited current 0.05CA .
- C** Supplementary charge may often fail to recover the capacity.
The battery should never be left standing till this is reached.