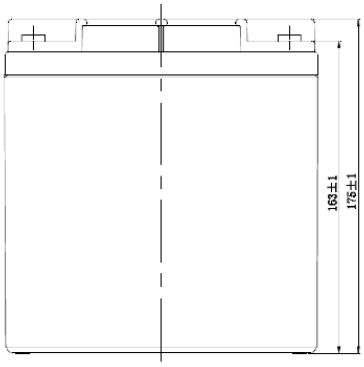
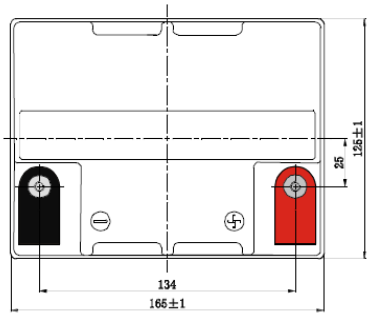
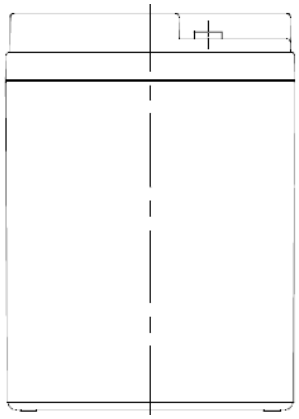
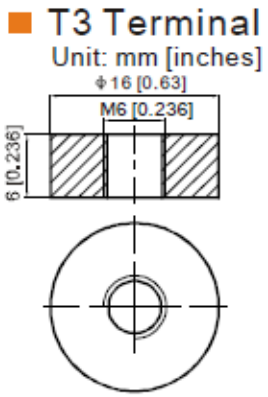
TYP AKUMULATORA: **Toyama – NPCG26 12V**
Gel Deep Cycle Battery

Specyfikacja techniczna:		
Napięcie		12 Volt
Pojemność	**C-20**	26 Ah
Wymiary	długość	165±2 mm
	szerokość	125±2 mm
	wysokość	175±2 mm
	całkowita wys.	179±2 mm
Masa akumulatora		~9 kg
Rodzaj obudowy		ABS
Terminal (złącza)		M6
Rezystancja wewnętrzna		~15 mΩ
Pojemność znamionowa	C-20 (1,75V/celll,20^{0}C	26 Ah
	C-10 (1,75V/cell,20^{0}C)	24 Ah
	C-5 (1,75V/cell,20^{0}C)	18.4 Ah
	C-1 (1,60V/cell,20^{0}C)	15.1 Ah
Zakres temperatur pracy	rozładowanie	-20 - 55^{0}C
	ładowanie	0 - 40^{0}C
	przechowywanie	-15 - 40^{0}C
Pojemność w danej temperaturze	40^{0}C	103%
	25^{0}C	100%
	0^{0}C	86%
	-15^{0}C	65%
Samorozłado-wanie	3% deklarowanej pojemności miesięcznie w temp. 20^{0}C	









Praca cykliczna – maksymalny prąd ładowania nie wyższy niż 7A
Napięcie ładowania 14,4V-14,9V w temp. 20^{0}C. Korekta -30mV/^{0}C
Napięcie ładowania 13,6V-13,8V w temp. 20^{0}C. Korekta -20mV/^{0}C

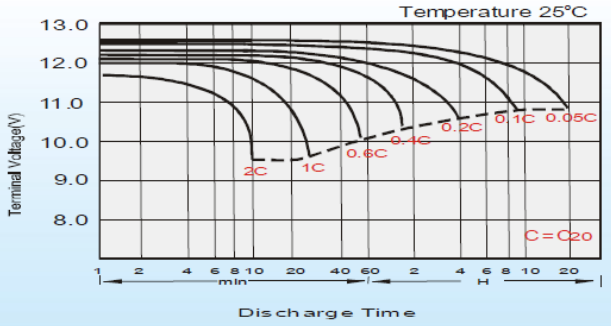
Tabela rozładowania stałym prądem (Amper) 25°C

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	45.7	35.1	29.1	25.1	19.4	14.32	12.07	7.14	5.58	4.54	3.70	3.21	2.59	2.16	1.19
1.80V/cell	61.3	44.8	35.1	29.7	22.9	16.7	13.52	7.79	6.01	4.85	3.97	3.45	2.75	2.40	1.30
1.75V/cell	69.2	49.3	38.4	32.0	23.8	17.3	14.14	8.08	6.12	4.96	4.08	3.54	2.80	2.29	1.21
1.70V/cell	76.2	53.7	41.0	33.6	24.8	18.0	14.59	8.28	6.29	5.09	4.18	3.61	2.84	2.34	1.23
1.65V/cell	84.0	58.0	43.6	35.7	26.1	18.4	14.93	8.40	6.56	5.26	4.30	3.69	2.88	2.39	1.25
1.60V/cell	92.6	62.9	46.6	38.0	27.6	19.2	15.07	8.76	6.76	5.43	4.44	3.77	2.91	2.41	1.26

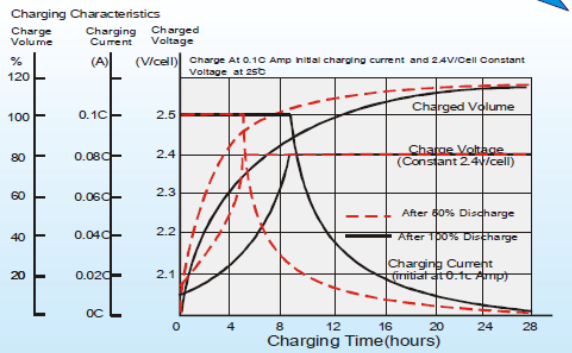
Tabela rozładowania mocą (Watt) 25°C

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	83.6	64.8	54.3	47.4	37.0	27.5	23.3	13.9	10.9	8.88	7.26	6.32	5.12	4.28	2.35
1.80V/cell	111.0	81.9	64.7	55.2	43.0	31.8	25.9	15.0	11.6	9.43	7.76	6.75	5.41	4.41	2.37
1.75V/cell	122.5	88.5	69.8	58.8	44.3	32.6	27.0	15.5	11.8	9.60	7.93	6.91	5.49	4.52	2.39
1.70V/cell	131.1	94.3	73.4	61.3	45.9	33.8	27.8	15.9	12.1	9.84	8.12	7.04	5.56	4.61	2.44
1.65V/cell	142.5	100.8	77.5	64.7	48.0	34.4	28.2	16.0	12.6	10.1	8.32	7.18	5.64	4.70	2.47
1.60V/cell	153.6	107.0	81.5	68.1	50.3	35.6	28.3	16.6	12.9	10.4	8.56	7.31	5.68	4.74	2.48

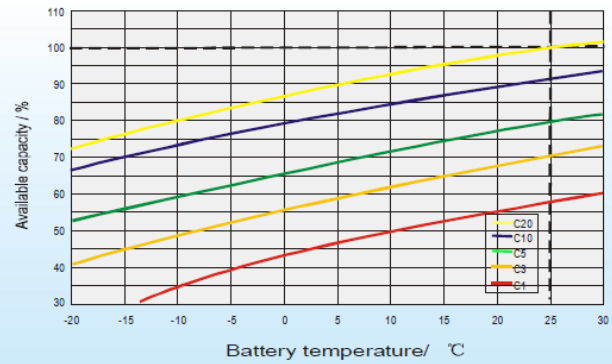
Discharge Characteristics



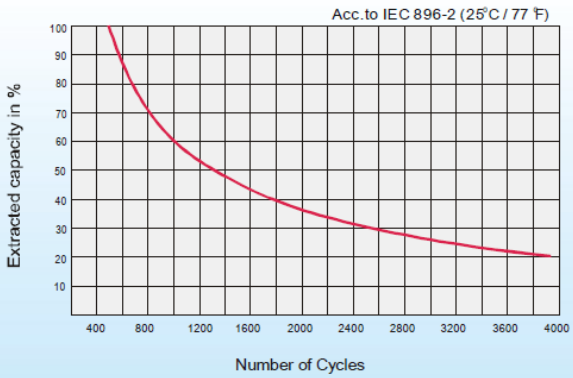
Charging Characteristics (cycle use)

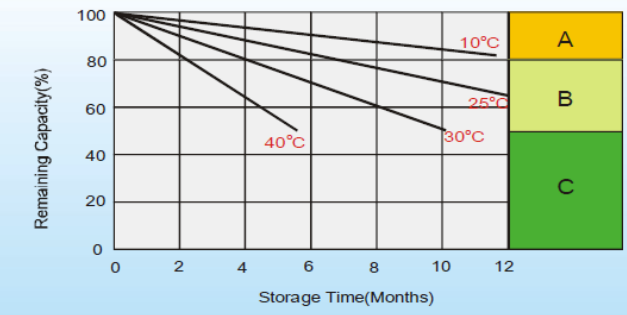


Temperature Effects in Relation to Battery Capacity



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 limted current 0.25CA and constant volatge 2.25V/cell.
2.Charged for above 20hours at limted current 0.25CA and constant volatge 2.45V/cell.
3.Charged for 8~10hours at limted current 0.05CA .

C Supplementary charge may often fail to recover the capacity.
The battery should never be left standing till this is reached.