PLG SERIES

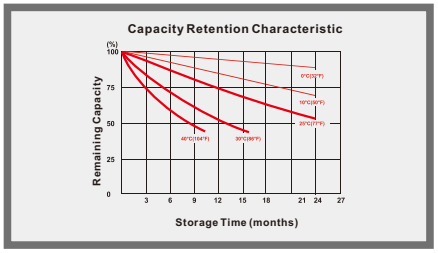
Backup Power — For UPS, Security, Fire Alarm System
Cyclic Power — For Multi-Purpose
High Power — For Telecommunication, UPS System
Electric Vehicle Power — For Mobility Scooter, Electric Vehicle, Golf Trolley, Medical
Long Life Power — For Telecommunication, UPS System
Green Power — For Solar and Renewable Energy, Deep Cycle

SPECIFICATION

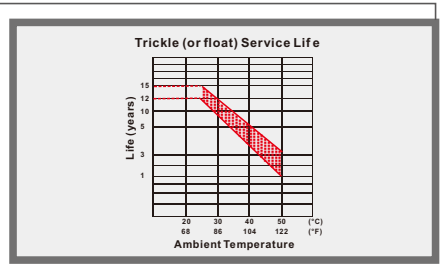
MAIN APPLICATION	BATTERY TYPE	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (Ah)		DIMENSION (MM)							WEIGHT (APPROX.)		ASSEMBLY FIGURE	
			5HR	10HR	L	W	H	L	W	H	HT OVER TERMINAL	lbs	kg	TERMINAL POSITION	TERMINAL TYPE
					in	in	in	mm	mm	mm	in / mm				
	STATIONARY FULL GEL BATTERIES														
● ○ ● ○ ● ○	PLG100-12RN	12	85	100	12.97	6.78	8.46	329.5	172.3	215	8.74 / 222	68.90	31.30	9	F18
● ○ ● ○ ● ○	PLG120-12RN	12	102	120	16.06	6.97	8.82	408	177	224	8.82 / 224	81.40	37.00	9	F18
● ○ ● ○ ● ○	PLG150-12N	12	127.5	150	19.02	6.69	9.45	483	170	240	9.45 / 240	114.60	52.00	9	F18
● ○ ● ○ ● ○	PLG200-12BN	12	170	200	20.55	9.37	8.62	522	238	219	8.83 / 225	135.00	61.50	22	F18
● ○ ● ○ ● ○	PLG200-12AN	12	170	200	20.55	9.37	8.62	522	238	219	8.83 / 225	140.50	64.00	22	F18
● ○ ● ○ ● ○	PLG200-12N	12	170	200	20.55	9.37	8.62	522	238	219	8.83 / 225	146.00	66.50	22	F18
	12V FRONT TERMINAL BATTERY														
● ○ ● ○ ● ○	PLG12150	12	130	150	21.65	4.33	11.34	550	110	288	11.34 / 288	110.00	50.00	23	F18
	STATIONARY FULL GEL BATTERIES														
● ○ ● ○ ● ○	PLG200A	2	170	200	6.69	4.17	13.11	170	106	333	13.31 / 338	30.80	14.00	-	F18
● ○ ● ○ ● ○	PLG300A	2	255	300	6.69	5.91	13.11	170	150	333	13.31 / 338	45.20	20.50	-	F18
● ○ ● ○ ● ○	PLG400A	2	340	400	7.76	6.69	13.11	197	170	333	13.31 / 338	63.90	29.00	-	F18
● ○ ● ○ ● ○	PLG500A	2	425	500	9.49	6.77	13.23	241	172	336	13.39 / 340	68.30	31.00	-	F18
● ○ ● ○ ● ○	PLG600A	2	510	600	9.49	6.77	13.23	241	172	336	13.39 / 340	79.37	36.00	-	F18
● ○ ● ○ ● ○	PLG800A	2	680	800	18.67	6.85	13.31	474	174	338	13.94 / 354	121.25	55.00	-	F18
● ○ ● ○ ● ○	PLG1000A	2	850	1000	18.67	6.85	13.31	474	174	338	13.94 / 354	136.69	62.00	-	F18

CHARACTERISTIC

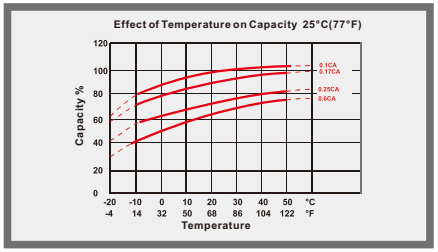
PLG SERIES



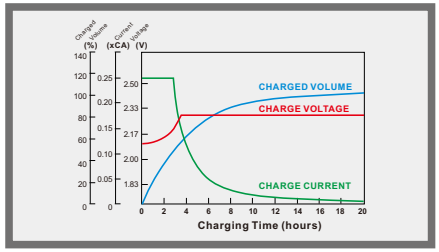
Capacity Retention Characteristic



Trickle (or float) Service Life

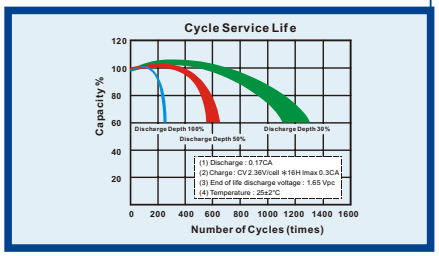


Effect of Temperature on Capacity 25°C (77°F)

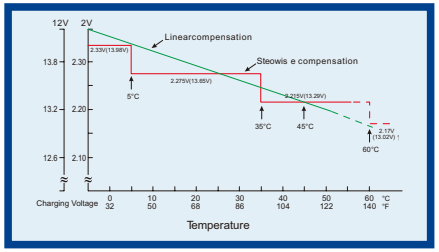


Constant Voltage Charging Characteristic (0.25CA,25°C)

2V SERIES

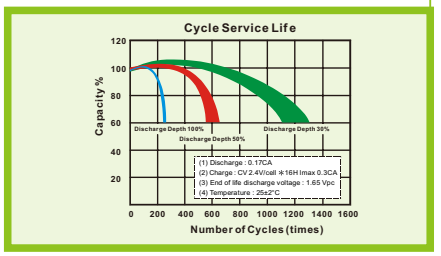


Cycle Service Life

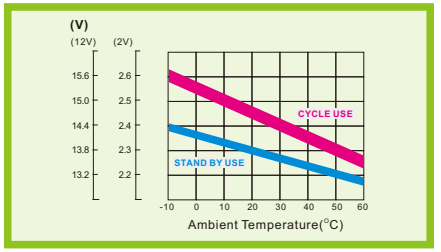


Relationship Between Charging Voltage and Temperature

12V SERIES



Cycle Service Life



Relationship Between Charging Voltage and Temperature