

ET12-26 (12V 26AH)

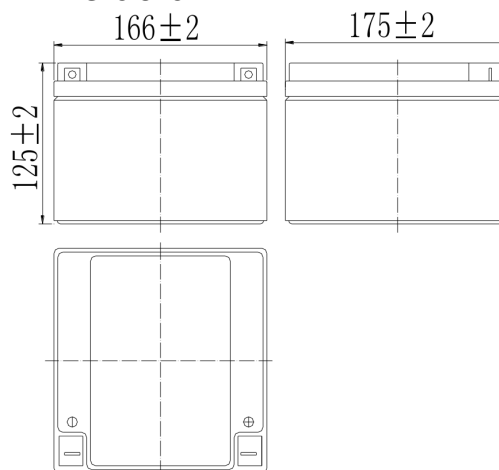


Specifications

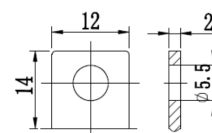
Nominal Voltage		12 V
Capacity (25°C)	10HR(10.8V)	26 Ah
	5HR(10.5V)	24.3 Ah
	1HR(9.60V)	16.5 Ah
Dimension	Length	166±2mm
	Width	175±2mm
	Height	125±2mm
Total Height		125±2mm
Approx. Weight		7.8kg ±4%
Terminal type		F17
Internal resistance (Fully charged, 25°C)		Approx. 14mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C±3°C
Operating temperature range	Discharge	-15°C~50°C
	Charge	-10°C~50°C
	Storage	-20°C~50°C
Float charging voltage(25°C)		13.50 to 13.80V Temperature compensation: -18mV/°C
Cyclic charging voltage(25°C)		14.50 to 15.00V Temperature compensation: -30mV/°C
Maximum charging current		7.8A
Maximum discharge current		390A(5 sec.)
Designed floating life(20°C)		5 years



Dimensions



Terminal



F17

Constant Current Discharge Characteristics (Ampere @ 25°C)

F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	61.0	47.7	26.9	16.5	9.32	6.44	5.33	4.53	2.94	2.46	1.32
9.90V	59.2	46.5	26.3	16.3	9.26	6.41	5.30	4.51	2.93	2.45	1.31
10.2V	56.8	44.8	25.5	15.9	9.18	6.36	5.26	4.48	2.91	2.44	1.31
10.5V	54.3	43.3	24.9	15.5	9.04	6.32	5.23	4.45	2.89	2.43	1.30
10.8V	51.3	41.0	24.0	15.1	8.81	6.13	5.07	4.31	2.80	2.38	1.27

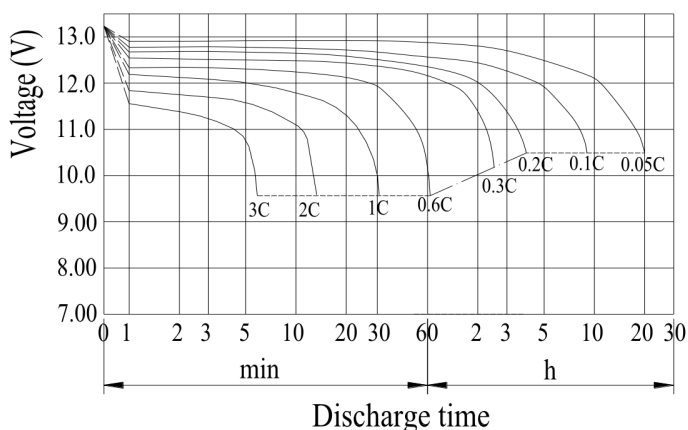
Constant Power Discharge Characteristics (Watt @ 25°C)

F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	688	543	308	191	109	76.6	63.5	54.1	35.3	29.5	15.8
9.90V	668	530	302	188	108	76.1	63.1	53.8	35.1	29.4	15.8
10.2V	640	511	292	184	107	75.6	62.7	53.5	34.9	29.3	15.7
10.5V	613	493	285	180	106	75.1	62.2	53.1	34.6	29.1	15.6
10.8V	578	467	275	174	103	72.8	60.4	51.5	33.6	28.5	15.3

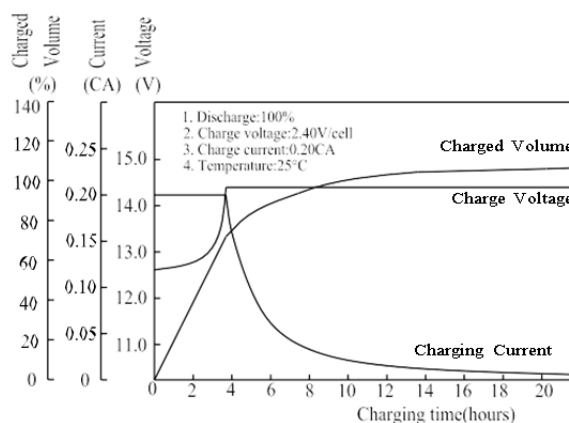
Construction

Component	Positive plate	Negative plate	Container	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Sulfuric acid	Rubber	Copper

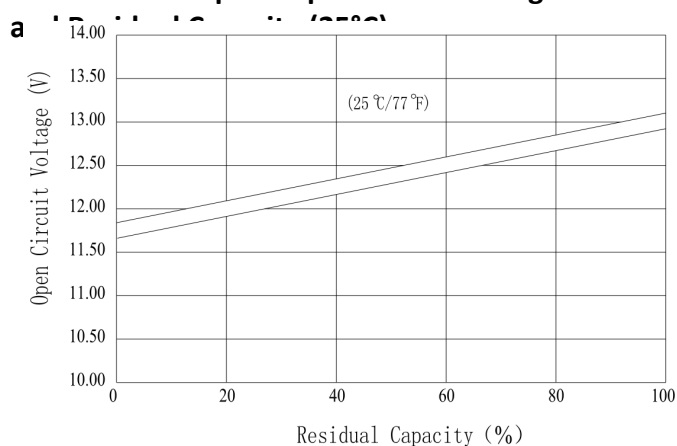
Discharge Characteristics (25°C)



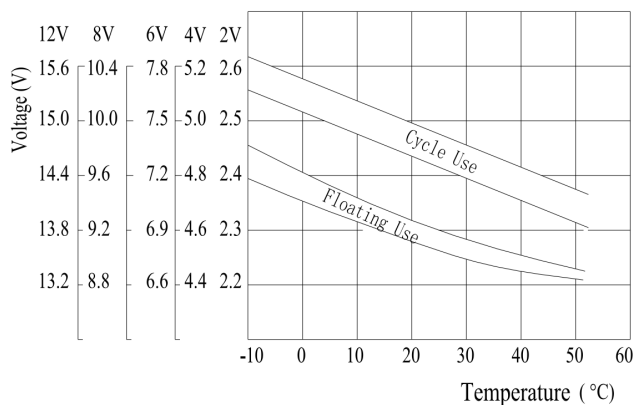
Charging Characteristics (25°C)



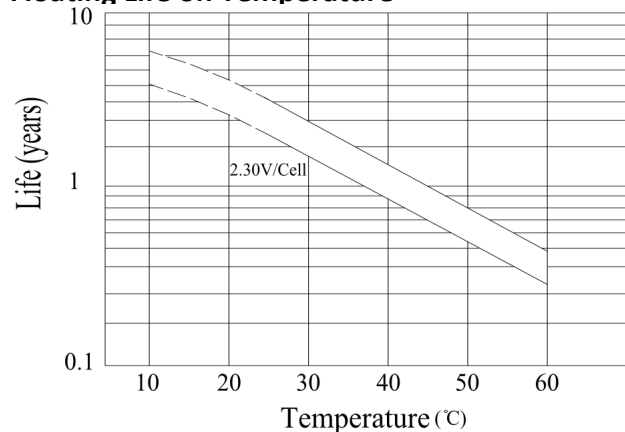
The Relationship for Open Circuit Voltage



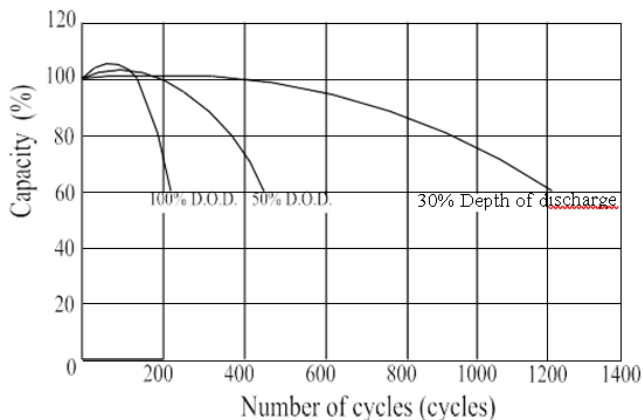
The Relationship for Charging Voltage and Temperature



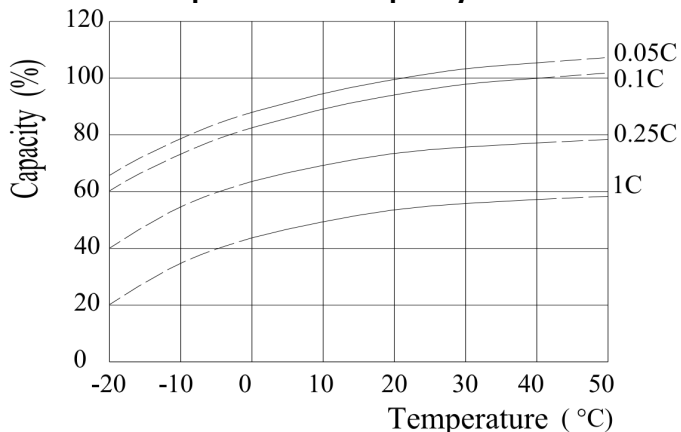
Floating Life on Temperature



Cycle Life on D.O.D (25°C)



Effect of Temperature on Capacity



Self-discharge Characteristics

