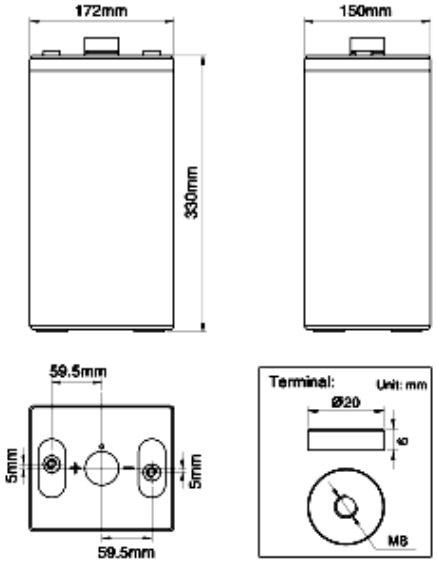
JAPATOYO® **Lead crystal battery** □***E350-2（2V350Ah）***

Product Image

Product Dimensions



Characteristics

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		350Ah
Capacity 25℃(77 ℉)	20 hour rate (19.4A)	388.5Ah
	5 hour rate (64A)	323Ah
	1 hour rate (232.7A)	232.7Ah
Internal Resistance	Full Charged Battery 25℃	≤0.45mΩ
Capacity affected by Temperature (10 hour)	40℃ (104 ℉)	102%
	25℃ (77 ℉)	100%
	0℃ (32 ℉)	85%
	-15℃ (5 ℉)	65%
Self-Discharge 25℃(77 ℉) Capacity	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge (Constant Voltage) 25℃ (77 ℉)	Float	Initial Charging Current Less than 45A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 45A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	172mm
	Width	150mm
	Height	330mm
	Total Height	365mm
Box Dimensions	Length	186mm
	Width	164mm
	Height	422mm
Quantity Per Box		1 PC per box
Net weight Per Cell		19.0 kg±200g
Net weight Per Box		19.0kg
Gross Weight		20.0kg

Discharge Constant Current (Amperes at 77°F25°C)

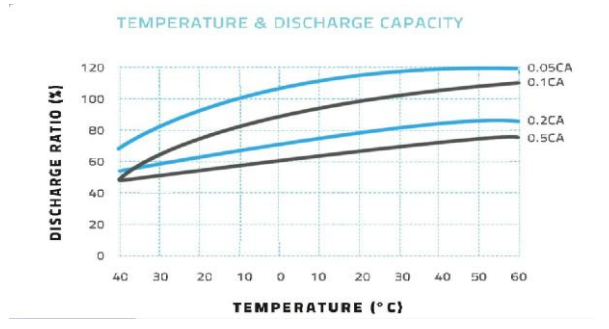
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	838	541	449	297	221	182	116	83	56	37	33.0	17.5
1.65V	823	531	441	292	217	178	113	81	55	36	32.4	17.2
1.70V	808	522	432	286	213	175	111	80	54	36	31.8	16.9
1.75V	792	512	424	281	209	172	109	78	53	35	31.2	16.5
1.80V	762	492	408	270	201	165	105	75	51	34	30.0	15.9

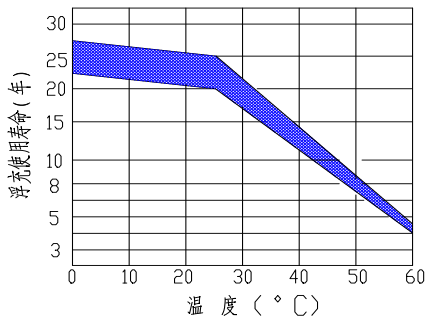
Discharge Constant Power (Watts at 77°F 25°C)

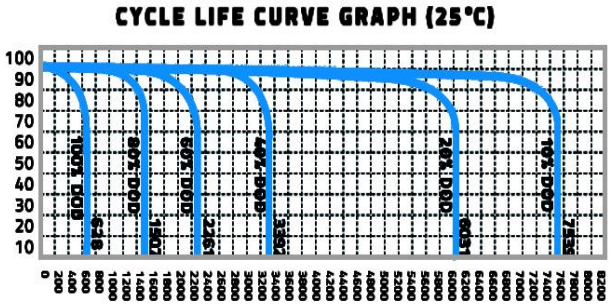
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	1614	1042	864	572	426	349	222	159	108	71	63.5	33.7
1.65V	1584	1023	848	561	418	343	218	156	106	70	62.4	33.1
1.70V	1555	1004	833	551	410	337	214	153	104	69	61.2	32.4
1.75V	1526	985	817	541	402	330	210	150	102	67	60.1	31.8
1.80V	1467	947	785	520	387	318	202	144	98	65	57.8	30.6

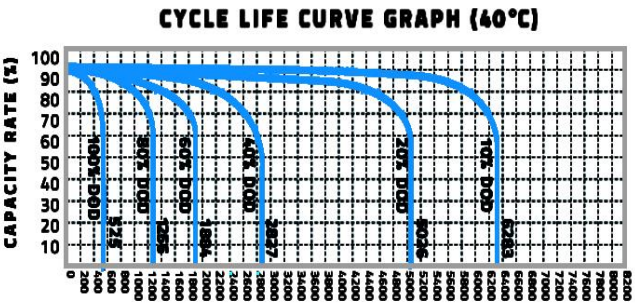
Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Contact **US** for the latest information.

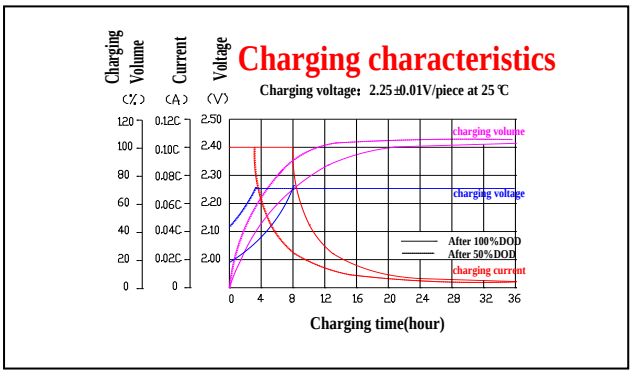
Performance Characteristics

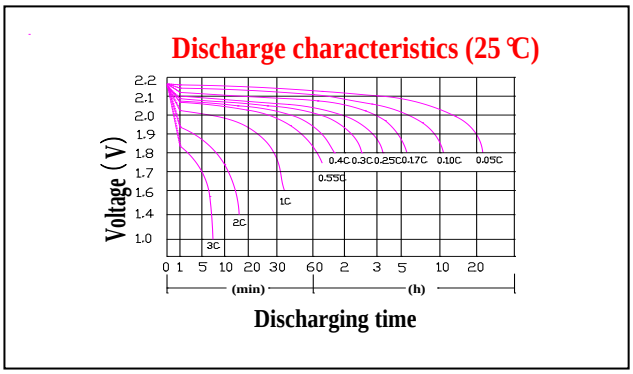


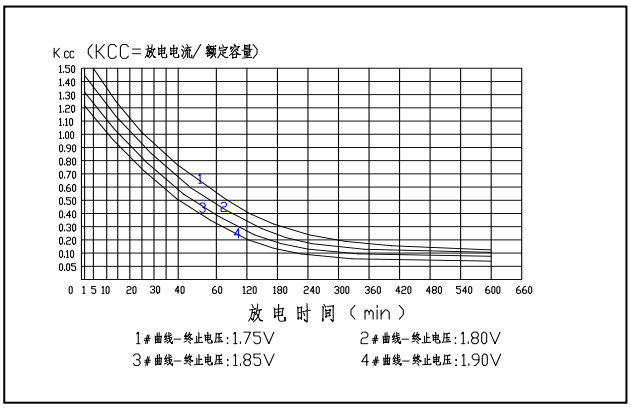


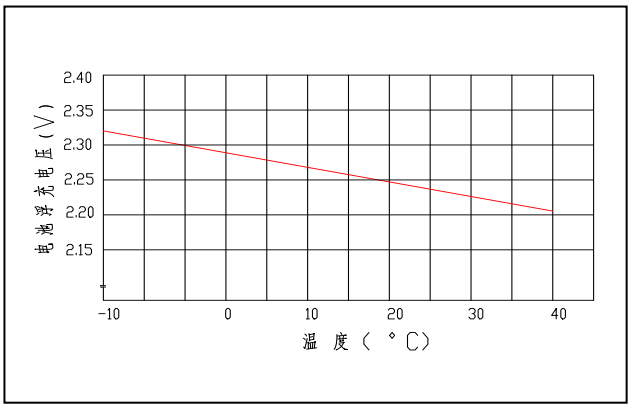












Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Si-Rubber	Copper	Fiberglass	Lead

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