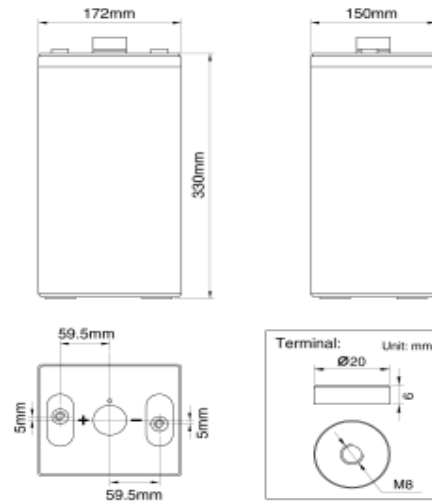


Product Image



Product Dimensions



Characteristic

Nominal Voltage		2V
Nominal Capacity (10 hour rate)		250Ah
Capacity 25°C (77 °F)	20 hour rate (13.3A)	265Ah
	5 hour rate (44.2A)	221Ah
	1 hour rate (137.5A)	137.5Ah
Internal Resistance	Full Charged Battery 25°C	≤0.4mΩ
Capacity affected by Temperature (10 hour)	40°C (104 °F)	102%
	25°C (77 °F)	100%
	0°C (32 °F)	85%
	-15°C (5 °F)	65%
Self-Discharge 25°C (77 °F) Capacity	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge (Constant Voltage) 25°C (77 °F)	Float	Initial Charging Current Less than 30A Voltage 2.23-2.27V
	Cycle	Initial Charging Current Less than 30A Voltage 2.33-2.37V

Packaging

Battery Dimensions	Length	172mm
	Width	150mm
	Height	330mm
	Total Height	364mm
Box Dimensions	Length	186mm
	Width	124mm
	Height	422mm
Quantity Per Box		1 PC per box
Net weight Per Cell		15.3 kg±200g
Net weight Per Box		15.3kg
Gross Weight		15.8kg

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

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	699	451	374	248	184	151	96	69	47	31	27.5	14.6
1.65V	686	443	367	243	181	149	95	68	46	30	27.0	14.3
1.70V	673	435	360	239	178	146	93	66	45	30	26.5	14.0
1.75V	660	426	354	234	174	143	91	65	44	29	26.0	13.8
1.80V	635	410	340	225	168	138	88	63	43	28	25.0	13.3

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

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	1345	868	720	476	355	291	185	132	90	59	52.9	28.1
1.65V	1320	852	707	468	348	286	182	130	88	58	52.0	27.5
1.70V	1296	837	694	459	342	281	179	128	87	57	51.0	27.0
1.75V	1271	821	681	450	335	275	175	125	85	56	50.1	26.5
1.80V	1222	789	655	433	322	265	168	120	82	54	48.1	25.5

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	Silicon