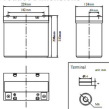


Product Image



Product Dimensions



Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		50Ah
Capacity 25°C(77°F)	20-hour rate (2.70A)	50.6Ah
	7-hour rate (5.1A)	49.5Ah
	1-hour rate (51.3A)	50.5Ah
Internal Resistance		Full-Charged Battery 25°C
		0.284mΩ
Capacity affected by Temperature (10 hour)	40°C (104°F)	90%
	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	98%
	after 6 month storage	88%
	after 12 month storage	62%
Charge (Constant Voltage) 25°C (77°F)	Float	Initial Charging Current Less than12.5A Voltage 13.4-13.8V
	Cycle	Initial Charging Current Less than12.5A Voltage 14.4-14.8V

Packaging

Battery Dimensions	Length	220mm
	Width	110mm
	Height	200mm
	Total Height	210mm
Box Dimensions	Length	240mm
	Width	130mm
	Height	254mm
Quantity Per Box		1 PC per box
Net weight Per Cell		66.1g±100g
Net weight Per Box		66.3kg
Gross Weight		66.7kg

Discharge Constant Current per Cell (Amperes at 77°F/25°C)

1.30Time	5min	10min	15min	20min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	168.1	112.8	86.4	62.2	37.2	33.1	26.1	14.8	9.5	5.8	5.28	2.89
1.65V	193.0	131.1	80.9	61.1	36.7	32.4	19.9	14.6	9.4	5.8	5.13	2.86
1.70V	197.6	139.8	77.4	49.7	33.7	30.5	19.1	14.1	9.3	5.7	5.18	2.81
1.75V	189.2	92.8	72.9	48.1	34.7	34.6	19.1	13.9	9.1	5.7	5.09	2.80
1.80V	121.4	87.5	70.4	46.9	33.7	29.7	18.6	13.8	9.0	5.6	5.08	2.78

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

1.30Time	5min	10min	15min	20min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	213.6	208.9	127.4	88.6	70.1	62.8	27.8	27.6	12.8	10.9	9.7	5.4
1.65V	209.1	192.6	120.9	85.3	68.4	60.4	27.1	27.1	12.5	10.8	9.6	5.3
1.70V	204.0	195.8	144.3	92.7	66.5	58.7	26.4	26.6	12.1	10.7	9.5	5.3
1.75V	219.7	173.0	137.8	90.1	66.6	57.1	25.6	26.0	12.0	10.5	9.4	5.2
1.80V	245.0	161.2	111.2	87.3	62.8	53.4	24.7	23.4	11.8	10.4	9.3	5.2

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