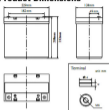


Product Image



Product Dimensions



Characteristics

Nominal Voltage		12V
Nominal Capacity (20 hour rate)		55Ah
Capacity 25°C (77°F)	20 hour rate (3.85A)	61.6Ah
	5 hour rate (18.0A)	50Ah
	1 hour rate (36.6A)	36.6Ah
	Internal Resistance	Full Charged Battery 25°C <math>< 1.2m\Omega</math>
Capacity affected by Temperature (20 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	83%
	-35°C (-3°F)	62%
Self-Discharge 25°C (77°F) Capacity	after 3 months storage	90%
	after 6 months storage	80%
	after 12 months storage	62%
Charge (Constant Voltage) 25°C (77°F)	Float	Initial Charging Current Less than 3.8A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 3.8A Voltage 14.4-14.9V

Packaging

Battery Dimensions	Length	120mm
	Width	180mm
	Height	200mm
	Total Height	210mm
Box Dimensions	Length	244mm
	Width	152mm
	Height	234mm
Quantity (Per Box)		1 PC per box
Net weight Per Cell		18.2 kg/20kg
Net weight Per Box		18.3kg
Gross Weight		18.6kg

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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	184.9	173.2	92.9	57.8	41.3	36.6	32.5	16.3	10.9	6.4	3.72	3.17	
1.65V	170.2	113.6	89.8	56.2	40.3	35.6	31.9	16.0	10.2	6.3	3.67	3.14	
1.70V	173.4	119.3	85.1	54.7	39.2	34.8	31.5	15.7	10.2	6.3	3.61	3.11	
1.75V	153.2	102.0	81.2	53.1	38.1	33.7	31.0	15.3	10.0	6.2	3.56	3.08	
1.80V	144.5	96.3	77.4	51.6	37.0	32.7	29.5	15.0	9.9	6.2	3.50	3.05	

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

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	344.9	229.8	173.2	107.8	71.2	68.2	41.6	20.4	15.6	11.9	10.7	5.8	
1.65V	310.0	211.8	156.0	104.9	75.2	66.4	40.8	20.9	15.3	11.8	10.6	5.8	
1.70V	323.4	215.4	158.8	103.8	73.2	66.6	40.1	20.3	15.0	11.7	10.5	5.8	
1.75V	285.6	198.1	151.5	99.1	71.1	62.8	39.1	20.6	15.7	11.6	10.4	5.7	
1.80V	269.1	179.8	144.5	96.2	69.8	60.9	38.2	21.9	15.9	11.6	10.3	5.7	

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.