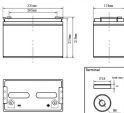


Product Image



Product Dimensions



Characteristics

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		80Ah
Capacity 25°C(77°F)	20 hour rate (I ₂₀)	88.8Ah
	5 hour rate (I ₅)	71Ah
	1 hour rate (I ₁)	55.2Ah
	Internal Resistance	Full Charged Battery 25°C ≤0.05mΩ
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	87%
	-15°C (5°F)	67%
Self Discharge 25°C(77°F) Capacity	after 3 months storage	90%
	after 6 months storage	80%
	after 12 months storage	67%
Charge (Constant Voltage) 25°C (77°F)	Float	Initial Charging Current Less than 20.0A Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 20.0A Voltage 14.8-14.9V

Packaging

Battery Dimensions	Length	231mm
	Width	174mm
	Height	214mm
	Total Height	219mm
Box Dimensions	Length	246mm
	Width	188mm
	Height	239mm
Quantity Per Box		1 PC per box
Net weight Per Cell		36.8kg/200kg
Net weight Per Box		36.8kg
Gross Weight		37.3kg

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

F.V/Time	5min	15min	1hour	2hour	4hour	1h	2h	3h	5h	8h	10h	20h
1.80V	289.8	179.2	125.1	84.0	60.1	33.2	32.4	32.7	32.3	32.1	32.2	4.62
1.65V	248.8	165.2	129.4	81.8	58.7	31.8	31.8	32.1	32.8	32.2	32.4	4.37
1.50V	232.2	168.0	123.8	79.5	57.1	30.4	31.2	32.8	34.8	34.1	34.6	4.33
1.35V	222.8	168.8	118.2	71.3	55.1	28.4	30.5	32.1	34.6	34.0	34.8	4.28
1.20V	210.2	168.0	112.6	73.0	53.8	27.8	29.8	31.8	34.4	34.0	34.8	4.48

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

F.V/Time	5min	15min	1hour	2hour	4hour	1h	2h	3h	5h	8h	10h	20h
1.80V	301.7	134.7	101.9	136.7	102.3	59.3	60.3	44.2	38.9	17.4	15.3	8.6
1.65V	262.3	108.1	101.4	137.8	109.4	56.6	59.4	43.4	38.1	17.2	15.4	8.3
1.50V	270.3	112.3	128.0	148.3	106.4	55.9	58.3	42.8	37.7	17.0	15.2	8.4
1.35V	212.3	128.8	128.4	144.3	103.4	50.3	58.9	41.6	37.3	16.9	15.1	8.4
1.20V	201.9	160.1	108.9	129.8	100.4	48.6	55.2	40.8	36.9	16.7	14.9	8.2

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