



Battery box 24V – 500Ah C10

Protection mode:

Type of protection: II 2G Ex e II T6
 Class of temperature: T6
 Ambient Temp : -20/+50°C
 Zones : 1-2



Description:

Battery box application. Contain 12 x FIAMM 2SLA500 cells (approx. external dimensions 1.200x850xH430mm). Battery box is manufactured in stainless steel AISI 316L with hinged lid. Position and size of cable glands to be discussed at design stage.



Technical specifications:

Model	Nominal Voltage (V)	Capacity (Ah) at 77°F	Short Circuit Current (A)	Internal Resistance (mOhm)	Dimensions (in)			Weight (lbs)	Terminal Type
		8 hrs to 1.75 Vpc	IEC 60896 21-22	IEC 60896 21-22	Length	Width	Height		
2 SLA 500*	2	500	9700	0.21	15.28	6.81	9.29	81.4	Female M8

Model	Constant Current Discharge Rates Amperes to 1.75 Vpc at 77°F (25°C)														
	Minutes								Hours						
	1	5	10	15	20	30	45	60	2	3	4	5	8	10	20
2 SLA 500	1332	1090	882	752	650	506	387	317	186	135	108	90.2	62.3	51.3	27.1

Model	Constant Power Discharge Rates Watt per cell to 1.75 Vpc at 77°F (25°C)														
	Minutes								Hours						
	1	5	10	15	20	30	45	60	2	3	4	5	8	10	20
2 SLA 500	2418	2001	1635	1403	1218	953	733	603	356	260	208	174	121	99.0	52.4