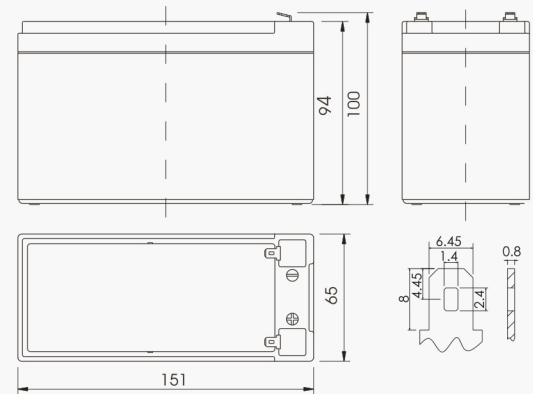


6-FM-10

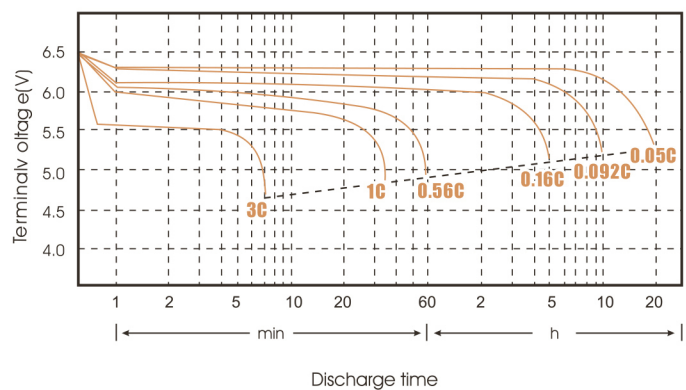
MAKELSAN®
Uninterruptible Power Supplies



Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		10Ah
Dimensions	Total Height (with terminals)	3.86inches(98mm)
	Height	3.70inches(94mm)
	Length	5.94inches(151mm)
	Width	2.56inches(65mm)
Weight		Approx. 5.98 pound(2.72kg)

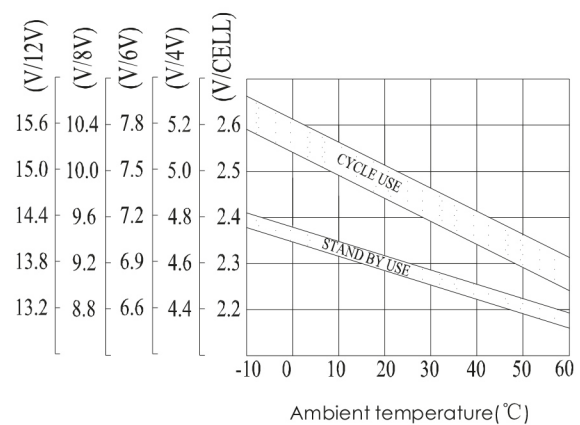
Discharge Curves 77°F(25°C)



Characteristics

Capacity 77°F(25°C)	20 hour rate (500mA)	10Ah
	10 hour rate (840mA)	8.4Ah
	5 hour rate (1.44A)	7.2Ah
	1 hour rate (5.4A)	5.4Ah
	15 minute Rate (15.6 A)	3.9 Ah
Internal Resistance	Full charged Battery 77°F(25°C)	20mΩ
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 77°F(20°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	81%
	Capacity after 12 month storage	60%
Max. Discharge Current 77°F(25°C)	135A(5S)	
Terminal		F2
Charge (Constant Voltage)	Cycle	Initial Charging Current less than 2.7A Voltage 14.4~14.7V/77°F(25°C)
	Float	Voltage 13.5~13.8V/77°F(25°C)

Relationship between charge voltage and temperature



Constant Power Discharge (WATTS @25°C)

F.V/Time	5 M in	10 M in	15 M in	30 M in	60 M in	2 H	3 H	4 H	5 H	10 H	20 H
9.6	424	272	220	123.1	76.2	43.6	30.6	24.5	20.7	113.6	6.09
9.9	415	264	213	120.2	74.3	42.1	30.3	24.3	20.7	112.8	6.06
10.2	396	253	206	118.0	72.3	41.6	29.9	24.1	20.6	111.9	6.04
10.5	380	244	198	117.0	70.6	41.1	29.8	23.9	20.3	111.19	6.02
10.8	358	242	188	113.7	68.4	40.0	29.4	23.3	20.1	10.94	5.92