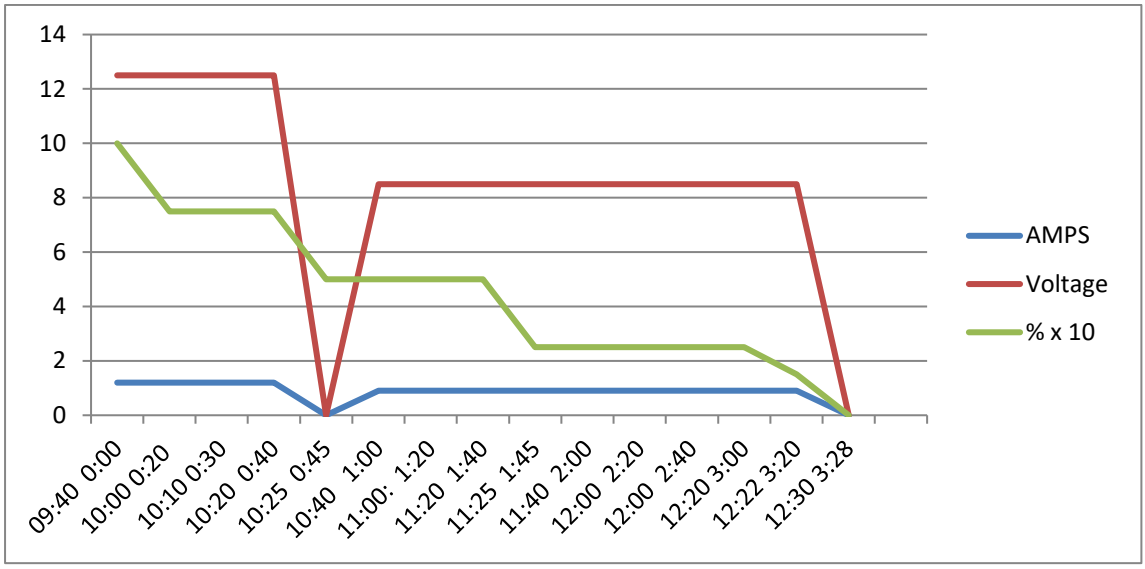
RATEL 412 BATTERY PACK



IME	AMPS	Voltage	% x 10
09:40			
0:00	1.2	12.5	10
10:00			
0:20	1.2	12.5	7.5
10:10			
0:30	1.2	12.5	7.5
10:20			
0:40	1.2	12.5	7.5
10:25			
0:45	0	0	5
10:40			
1:00	0.9	8.5	5
11:00:			
1:20	0.9	8.5	5
11:20			
1:40	0.9	8.5	5
11:25			
1:45	0.9	8.5	2.5
11:40			
2:00	0.9	8.5	2.5
12:00			
2:20	0.9	8.5	2.5
12:00			
2:40	0.9	8.5	2.5
12:20			
3:00	0.9	8.5	2.5
12:22			
3:20	0.9	8.5	1.5
12:30			
3:28	0	0	0

REPORT:

1. Connecting Ratel 412 to 15 watt full load:
   Resulted in the unit going into thermal protection after 45 minutes. The battery indicator was still at 75% but with zero output.
2. Disconnected the load and waited a few minutes for thermal to reset. Switched output to 9 volt and reconnected the load.
3. The unit ran for another 2 hours and 30 minutes before switching off completely.
4. Statement: During load shedding, this unit is able to supply backup power for a single Modem or Fibre Control for a period of 2.5-3 hours depending on their current consumption. See examples below:
   a. Modem 9V or 12V at 600mA
   b. Fibre Control 12V at 500mA.

NB. It is advisable to use two Ratel 412 units if you need to supply backup for two devices. Also note that the Ratel 412 is switchable and can supply 9V or 12V, but not both at the same time.