

Tandoori Grill - Battery Calculation Report

PANEL INFORMATION

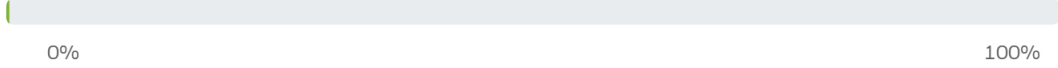
Panel Type	IFP-300IDP
No. of Loops	1
No. of Devices	27
Status	✔ PASS

BATTERY & CHARGER REQUIREMENT

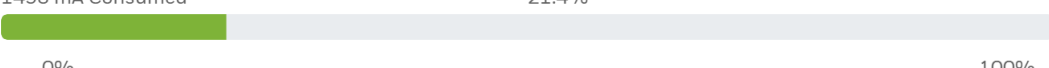
Normal Operation 24 Hours	BAT-12120	12Ah	8.241Ah	BB-17
In Alarm 5 Mins	Suggested Battery	Suggested Capacity	Required Capacity	Suggested Batt. Box

Required Quiescent/Stand By time(In Hours)		Required In Alarm time(In Mins)	
Standby Load Current	x Panel in Normal Operation (In hours)	In Alarm Load Current(In Amps)	x Panel In Alarm(In Mins)
0.234	24 = 5.616 Ah	1.282	0.083(5mins) = 0.107Ah
		Total Current Load = 5.723Ah Multiply with derating factor = x1.2 Adding with spare capacity = +(5.723 x 1.2 x 0.2) Total AH required = 8.241 Ah	

LOOP1 DETAILS

Loops	1	17.6 mA Consumed	0.3%
Number of devices	25		
		0%	100%

PANEL MODULES

No. of Modules	2	1498 mA Consumed	21.4%
			
		0%	100%

Module Name	Quantity	Quiescent/Stand By (mA)	Alarms (mA)
IFP-300 Control Panel	1	190	250
5880	1	35	200

Loop Details

Loop1			
Module Name	Quantity	Quiescent/Stand By (mA)	Alarms (mA)
SD505-HEAT	11	0.55	0.55
SD500-AIM	2	0.55	0.55
SD500-MIM	3	0.55	0.55

NAC CIRCUITS

NAC Name	Alarms (mA)	Quiescent/Stand By (mA)
Dolly's	286	0
NAC Circuit 2	274	0
NAC Circuit 3	0	0

NAC Circuit 3	0	0
exterior	263	0
