

# ENERGY LOAD CHART

Appliance Capacity	LIGHT	FAN	TV	LAPTOP/ DSTV/ SOUND SYSTEM	BLENDER	FRIDGE	FREEZER	AC	PUMPING MACHINE	WASHING MACHINE		Number Of Battery
1.0KVA	3 - 5	1 - 2	1	1	-	-	-	-	-	-		1
2.0KVA	5 - 10	2 - 4	1 - 2	2	1	-	-	-	-	-		2
3.5KVA (MID)	5 - 10	2 - 4	1 - 2	2	1	Inverter fridge	-	-	-	-		2
3.5KVA (MAX)	5 - 10	3 - 5	1 - 3	3	1	1 or/and	1	-	-	-		4
5.0KVA (MID)	5 - 10	3 - 5	1 - 3	3	1	1 or/and	1	-	1	1		4
5.0KVA (MAX)	7 - 15	3 - 5	1 - 3	3	1	1 or/and	1	1	1	1		8
7.5KVA (MID & MAX)	7 - 15	3 - 5	1 - 3	3	1	1 or/and	1	1 - 2	1	1		4 or 8
10KVA (MID & MAX)	10 - 20	5 - 7	1 - 5	5	1	1	1	2 - 3	1	1		8 or 12
15KVA (MID & MAX)	10 - 20	5 - 7	1 - 5	5	1	1	1	2 - 4	1	1		16 or 20

8 to 14 Hours without Solar

18 to 24 Hours with Solar

This is an estimated load; actual load may be different based on the consumption of each appliance.

Low energy consuming appliances recommended.