

S/No	Solution	Component Specification/Quantity				Load Specification			Suitable For:
		Solar Panel (PV Power)	Inverter Power/Type	Charge Controller	Battery Capacity	Maximum Load	COST	Load Specifications ^{*This} load specification does not implies that all the equipments can be loaded at the same time and valid under ideal condition	
1	RotoLit HOME 21PPT	550W/600W PV	12V 1.5KVA Pure	PWM 50A12/24	12V220AH X 1	1000Watts max	787,000	TVs, Decoder, Fan, Bulbs, washing machine, blender, Phone Charging, Refrigerator, Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years, Inverter Lifespan: Depending on usage	Small Homes, Barbing Saloons, and Petty traders
2	RotoLit HOME 21PPTH	550W/600W PV	12V 2KVA Pure	PWM 50A12/24	12V220AH X 1	1200Watts max	885,000	TVs, Decoder, Fan, Bulbs, washing machine, blender, Phone Charging, Refrigerator, Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years, Inverter Lifespan: Depending on usage	Small Homes, Barbing Saloons, and Petty traders
3	RotoLit SOHO 31PMTB	900W/1100W PV	24V 2KVA Pure	MPPT 40A 12/24	12V220AH X 1	1400Watts max	1,111,000	freezer, TVs, Decoder, Fan, Bulbs, washing machine, blender, Phone Charging, Refrigerator, freezer. Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years, Inverter Lifespan: Depending on usage	Medium homes, Small Offices, Cold drink sellers, Business centres,
4	RotoLit HOME 31PML	900W/1100W PV	24V 2KVA Pure	MPPT 40A 12/24	25.6V 3Kwh LiPo4	1400Watts max	1,356,000	Deep, freezer, TVs, Decoder, Fan, Bulbs, washing machine, blender, Phone Charging, Refrigerator, Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 5-10 years, Solar Panel Lifespan: 20-25years, inverter Lifespan: Depending on usage	Medium homes, Small Offices, Cold drink sellers, Business centres,
5	RotoLit HOME 32PML	900W/1100W PV	2.5V 2KVA Pure	MPPT 40A 12/24	25.6V 3Kwh LiPo4	1800Watts max	1,484,000	Deep freezer, TVs, Decoder, Fan, Bulbs, washing machine, blender, Phone Charging, Refrigerator, Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 5-10 years, Solar Panel Lifespan: 20-25years, inverter Lifespan: Depending on usage	Medium homes, Small Offices, Cold drink sellers, Business centres,
6	RotoLit SOHO 32PMT	900W/1100W PV	24V 2.5KVA Pure	MPPT 40A12/24	12V220AH X 2	1800Watts max	1,504,000	Deep freezer, Photocopier, Printers, washing machine, Computers, Pressing iron, Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years, inverter Lifespan: Depending on usage	Medium homes, Small Offices, Cold drink sellers, Business centres,
7	RotoLit SOHO 42PML	900W/1100W PV	24V 2.5KVA Pure	MPPT 40A12/24	25.6V 5Kwh LiPo4	1800Watts max	2,174,000	Deep freezer, Photocopier, Printers, washing machine, Computers, Pressing iron, Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 5-10 years, Solar Panel Lifespan: 20-25years, inverter Lifespan: Depending on usage	Medium homes, Small Offices, Cold drink sellers, Business centres,
8	RotoLit SOHO 42PMTB	900W/1100W PV	24V 2.5KVA Pure (HYBRID)	MPPT 40A12/24	12V220AH X 2	2000Watts max	1,456,000	Deep freezer, Photocopier, Printers, washing machine, Computers, Pressing iron Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years, inverter Lifespan: Depending on usage	Medium homes, Small Offices, Cold drink sellers, Business centres,
9	RotoLit SOHO 62PMT	1200W/1650W PV	24V 3.5KVA Pure	MPPT 60A12/24	12V220AH X 2	2800Watts max	1,668,000	Deep freezer, Photocopier, Printers, Deep freezer, Computers, Pressing iron, Pumping Machine, Inverter AC. Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Standard homes, Small Offices, Cold drink sellers, Business centres,
10	RotoLit SOHO 82PML	1200W/1650W PV	24V 3.5KVA Pure	MPPT 60A12/24	25.6V 7.5Kwh LiPo4	2800Watts max	1,878,000	Deep freezer, Photocopier, Printers, Deep freezer, Computers, Pressing iron Pumping Machine, Inverter AC. Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 5-10 years, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Standard homes, Small Offices, Cold drink sellers, Business centres,

11	RotoLit SOHO 82PMT	1800W/2200W PV	24V 3.5KVA Pure	MPPT 60A12/24	12V220AH X 2	2800Watts max	1,886,000	Deep freezer, Photocopier, Printers, Deep freezer, Computers, Pressing iron Pumping Machine, Inverter AC. Continuous power supply (Day+Night) Life Duration: 6-12 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Standard homes, Small Offices, Cold drink sellers, Business centres,
12	RotoLit SOHO 82PMT H	1800W/2200W PV	24V 3.5KVA Pure (Hybrid)	MPPT 80A12/24	12V220AH X 2	2800Watts max	1,656,000	Deep freezer, Photocopier, Printers, Computers, Pressing iron Pumping Machine, inverter AC. Continuous power supply (Day+Night) Life Duration: 12-18 hours daily. Battery Lifespan: 3-5 year, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Standard homes, Small Offices, Cold drink sellers, Business centres,
13	RotoLit SOHO 84PMT	2400W/3300W PV	48V 5KVA Pure	MPPT 60A24/48	12V220AH X 4	4000Watts max	2,872,000	Photocopier, Printers, inverter AC, AC, Computers, Deep freezer Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-18 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Standard homes, Business centres, Restaurants, Supermarkets, SMEs
14	RotoLit SOHO 84PML	2400W/3300W PV	48V 5KVA Pure	MPPT 60A24/48	51.2V 10Kwh LiPo4	4000Watts max	3,912,000	Photocopier, Printers, inverter AC, AC, Computers, Deep freezer Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-18 hours daily. Battery Lifespan: 5-10 years, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Standard homes, Business centres, Restaurants, Supermarkets, SMEs
15	RotoLit SOHO 84PMT H	2400W/3300W PV	48V 5.5KVA pure (Hybrid)	MPPT 80A12/24	12V220AH X 4	4000Watts max	2,886,000	Deep freezer, Photocopier, Printers, Computers, Pressing iron Pumping Machine, inverter AC, AC. Continuous power supply (Day+Night) Life Duration: 12-18 hours daily. Battery Lifespan: 3-5 year, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Standard homes, Business centres, Restaurants, Supermarkets, SMEs
16	RotoLit ENT 128PMT	4400W/4800W PV	48V 7.5KVA Pure	MPPT 80A 48V X2	12V220AH X 4	6000Watts max	3,940,000	inverter AC, AC, Photocopier, Printers, Deep freezer, Computers, Pressing iron Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-18 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Offices, Filling stations, Restaurants, Supermarkets, Churches, SMEs
17	RotoLit ENT 128PML	4400W/4800W PV	48V 7.5KVA Pure	MPPT 80A 48V X2	51.2V 10Kwh LiPo4	6000Watts max	5,463,000	inverter AC, AC, Photocopier, Printers, Computers, Pressing iron Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-18 hours daily. Battery Lifespan: 5-10 years, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Offices, Filling stations, Restaurants, Supermarkets, Churches, SMEs
18	RotoLit ENT 168PMT	6400W/6600W PV	96V 10KVA Pure	MPPT 100A 96V X2	12V220AH X 8	8000Watts max	5,733,000	inverter AC, AC, Photocopier, Printers, Computers, Pressing iron Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-18 hours daily. Battery Lifespan: 3-5 years, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Offices, Filling stations, Restaurants, Supermarkets, Churches, SMEs
19	RotoLit ENT 168PML	6400W/6600W PV	48V 10KVA Pure	MPPT 100A 48V X2	51.2V 17.5Kwh, LiPo4	8000Watts max	7,171,000	inverter AC, AC, Photocopier, Printers, Computers, Pressing iron Pumping Machine. Continuous power supply (Day+Night) Life Duration: 6-18 hours daily. Battery Lifespan: 5-10 year, Solar Panel Lifespan: 20-25years inverter Lifespan: Depending on usage	Offices, Filling stations, Restaurants, Supermarkets, Churches, SMEs