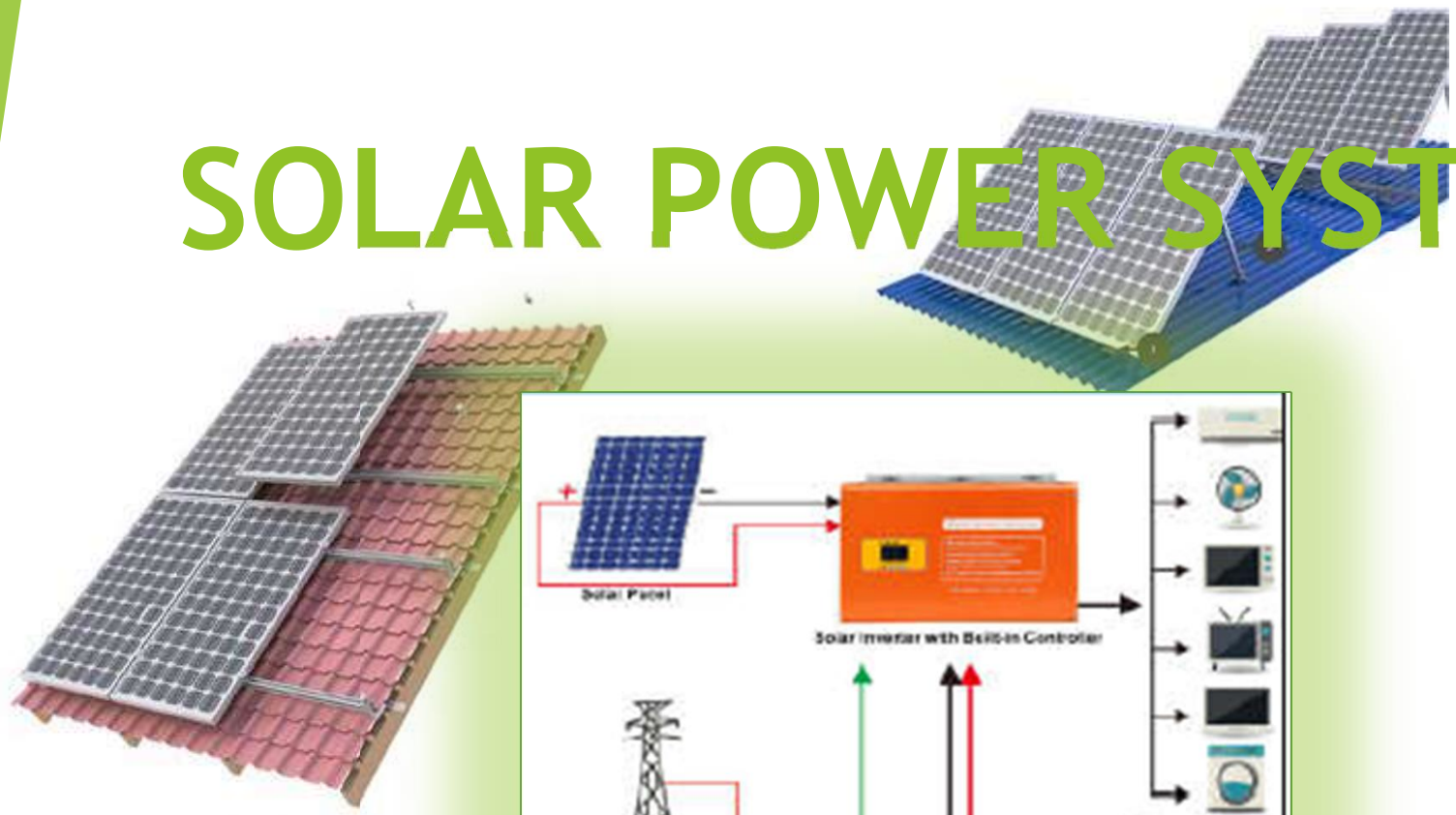
SOLAR POWER SYSTEM



Life cycle cost – 10 years cycle(in USD)

SP	*Installation & ##capital cost	Operating cost	Repair cost	Maintenance cost (material & #labour)	Disposal costing	SUITABLE APPLICAITON	Total LCC (10 years)	Cost per year	Max kwh consumption per day	Cost from Power Grid - taking 0.3 /kwh) @80% usage
300W (total Weight:	$250 $680	100	0	$250 (battery in every 5 years)	250	Low power standalone equipment	1280	128	2.1kwh	$145
1000W (total Weight: 220kg)	$250 $1,750	100	0	$700 (battery in every 5 years)	250	Simple CCTV system, low power water pump with lighting	3050	305	6.3kwh	$551
2000W (total Weight: 445kg)	$250 $3000	100	0	$1,150 (battery in every 5 years)	350	Simple Residential need, small air-con system (<18,000btu, require user actively manage on power usage)	4,850	485	12,6kwh (18.9kwh)	$1102 ($$1322 for 3KW)
5000W (total Weight: 770kg)	$500 $7,700	150	0	$2,500 (battery in every 5 years)	350	Complete Basic residential need include water pump, Air-con 18,000btu	11,200	1,120	31.5kwh	$2755

- * Installation costing purely estimated for in-country rate
- #Labour cost – just for assumption
- ## excluding shipping cost