

Zimpertec – Product Portfolio



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Solar Home Systems



PayGo FPC

Lead Acid/ LFP ready

Applicable for retrofits of solar home systems to improve their SHS with a new solar charge controller and PayGo functionality.



DC LSX

74Wh to 268Wh

Applicable for small households to power 12,8V DC lamps, phone, fans, radio, laptop and TV.



DC SHS

256Wh to 640Wh

Applicable for households, shops to power 12,8V DC lamps, phone, fans, radio, laptop, TV and fridges.



DC LS*

1.28 kWh to 1.92 kWh

Applicable for large DC 12.8 V/ 24 V applications. In households, medical centers, and large cooling applications.



LS AC 300-700

640Wh to 920Wh

Applicable for shops, offices, medical centers to power 110/220 AC and 12,8 V DC lamps, phone, fans, radio, laptop, TV and fridges.



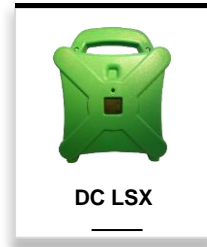
LS AC

2.56 kWh to 5.12 kWh

Applicable for shops, offices, medical centers to power 110/220 AC and 25,6 V DC lamps, phone, fans, radio, laptop, TV and fridges.

How we electrify

Home Use & Productive Use



Supply	Solar	Solar	Solar	Solar	AC Grid/ Solar
Nominal Voltage	DC 12.8 V	DC 12.8 V	DC 12.8 V/ DC 25.6 V	12.8 V 25.6 V	DC 25.6 V
Capacity	74 Wh – 294 Wh	256Wh - 640Wh	1.28 kWh/ 1.92 kWh	640 Wh/ 1280Wh	2,5 kWh - 5.1 kWh
Ah	5.7Ah/ 11.5Ah/ 17.2Ah/ 23Ah	20Ah/ 25Ah/ 40 Ah 50Ah	100 Ah/ 150 Ah	50Ah	100Ah/ 150Ah/ 200Ah
Load	DC 12.8 V	DC 12.8 V	DC 12.8 V/ DC 24 V	DC 24 V (Option) AC 220V/50Hz	DC 24 V (Option) AC 220V/50Hz
Charge Controller	MPPT	PWM	PWM	PWM	MPPT
Wp	70 Wp	360 wp	500 Wp / 1000 Wp	1000 Wp	1.92 kWp
Inverter	N/A	N/A	N/A	300 W – 700 W	2 kW
Backup Function	No	No	No	No	Yes
Battery Management System	Yes	Yes	Yes	Yes	Yes
System parallelization	Panel and Load	On Load side	No	No	No
PayGo enabled	Yes	Yes	Yes	Yes	Yes



ZIMPERTEC

Thank You!

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