

ZOLA FLEX SPECIFICATIONS



The **Biggest TV**
with the best deal



The **Brightest & Strongest** lights



A **Switch**
with every light



You **Save More**
with the **easiest**
payment plan

ZOLA FLEX OVERVIEW

Appliance Shelf

For use while charging phones, radio, or other small appliances

QR Code

Contains box DID

Box Reset

Hard reset button for critical failures

USB Ports (2)

- Top port (single bolt) includes a data connection
- Both ports charge at equal speed

Appliance Ports

Light Ports (3)

Ability to chain up to 4 lights per port = 12 total



LEDs (12)

- 3 red LEDs for discharge
- 3 green LEDs for charging
- 6 LEDs for battery

LCD Screen (1)

Information about the system, unlock code entry, alerts and language

Navigation Buttons (3)

Useful for paying and interacting with the LCD

Charging Port 1

Security Light Port (1)

ELECTRICAL SPECIFICATION		FLEX	FLEX PLUS	FLEX POWER 1
SKU		Z90	Z180	Z180
Solar Panel Rating (Wp)		40	80	80
Continuous AC Power Rating (W)		-	-	65
Surge AC Power Rating (W)		-	-	75
Nominal Battery Capacity (Ah)			18	18
Nominal Battery Capacity (Wh)		110	230	230
Actual Battery Capacity (Wh)		90	180	180
Rated Max Output Per Port (A)		3	5	5
Output Voltage Regulated		NO		
USB Outlet Current Rating (A)		2.5		
Max Input Current (A)		8		
Rated Input Voltage Range (V)		18 - 24		
Battery Management System		Maximum Power Point Tracking with Battery balancing		
Nominal Voltage (V)		12.8		
Chemistry		Lithium Iron Phosphate		

PRODUCT CERTIFICATIONS & COMPLIANCE

FLEX POWER BOX	EN 301 489 (EMC)	TV	EN 60065:2014
	EN 301 511 (RF test GSM Module)	FAN	IEC 60335
	EN 300 328 v2.1.1 (RF test Zigbee radio)	INVERTER	IEC 61558-1: 2009
	EN 300 220 v3.2.0 (RF test wireless microcontroller radio)	WALL CHARGER	EU RoHS 2011/65/EU
	EN 62311 (RF Exposure)		EN 61558-2-16:2009+A1:2013
	IEC 62509:2010-12	BOOMBOX	EN 61000
PANEL	IEC 61730-2:2004		IEC 60065:2014
LIGHTS	IEC 60598-2-1 / EN 60598-1		