

POWER ENERGY METER BOM v1

Item	Quantity	Price	Store
Power Supply			
12V Adapter	1	800	
LM7806	2	100	PsalmChmart
Buck Converter	1	200	<a href="https://www.pixelelectric.com/el">https://www.pixelelectric.com/el</a>
240V Rocker switch	1	120	<a href="https://www.pixelelectric.com/el">https://www.pixelelectric.com/el</a>
LED Indicators	25	50	<a href="https://www.pixelelectric.com/m">https://www.pixelelectric.com/m</a>
200R Resistors	5	25	<a href="https://www.pixelelectric.com/m">https://www.pixelelectric.com/m</a>
Communication			
GSM/GPRS Module	1	1500	<a href="https://www.pixelelectric.com/se">https://www.pixelelectric.com/se</a>
Micro-controller			
ESP32 NodeMCU	1	1400	<a href="https://store.nerokas.co.ke/imag">https://store.nerokas.co.ke/imag</a>
Sensors			
Voltage Sensor Module	1		
Current Sensor Module	1	200	<a href="https://www.pixelelectric.com/se">https://www.pixelelectric.com/se</a>
Fuse 13A	1	50	
240V Extension	1	600	
Breadboard	2	500	
Data storage			
Sd card module	1	150	
SD card 2GB	1	400	
OLED SCREEN	1	600	
Jumper Wires	4	260	
	Total	6955	