

Small Scale LED Lighting + Off-Grid Cell Phone Charging (Mali)



LED Lantern
12V or 4 D Cells



6000 CFA / \$14

36+5 LED (2W)
2000 CFA / \$4.75



1500 CFA / \$3.50



Introduced about a year ago,
LED flashlights are ubiquitous
and now cheaper than standard
incandescent flashlights.

3 LED Flashlight
800 CFA / \$1.90
with batteries



6 LED Flashlight
1200 CFA / \$2.85
with batteries



Chinese LED Lights (Now Available Everywhere)



Batteries are reported last a week to a month depending on usage. Disposable batteries are common source of energy as small 12V batteries are less available.

Car Batteries are used primarily at homes to power radios, TVs, charge phones and for basic lighting (CFL or Fluorescent Tube). Smaller 12V batteries are less available. Small batteries are generally limited to 6V motorcycle batteries.

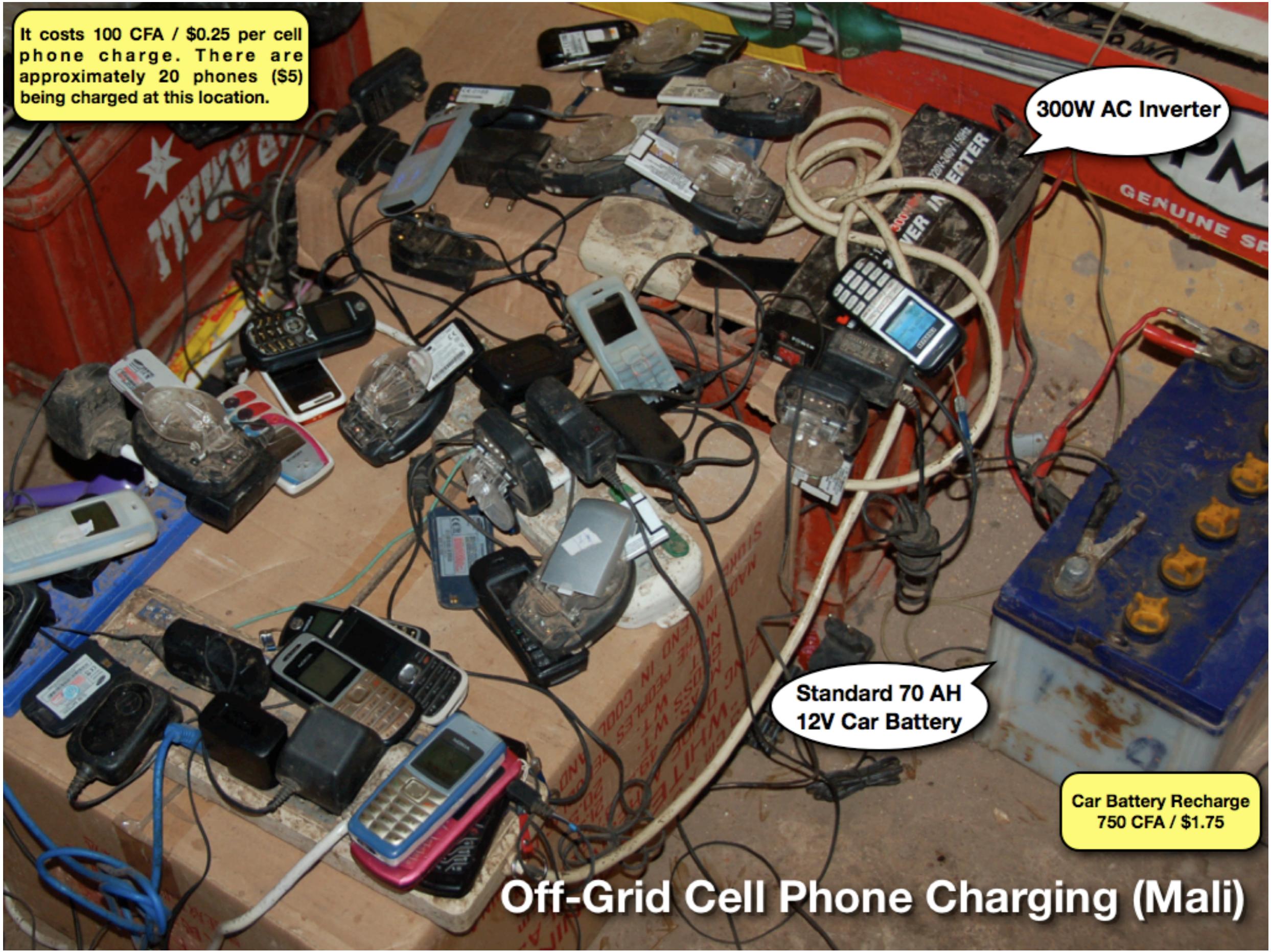


**60AH 12V Dry Cell
Car Battery**
35,000 CFA/\$82



**6V Dry Cell
Motorcycle Battery**
10,000 CFA/\$24

**70AH Dry Cell
Car Battery**
40,000 CFA/\$95



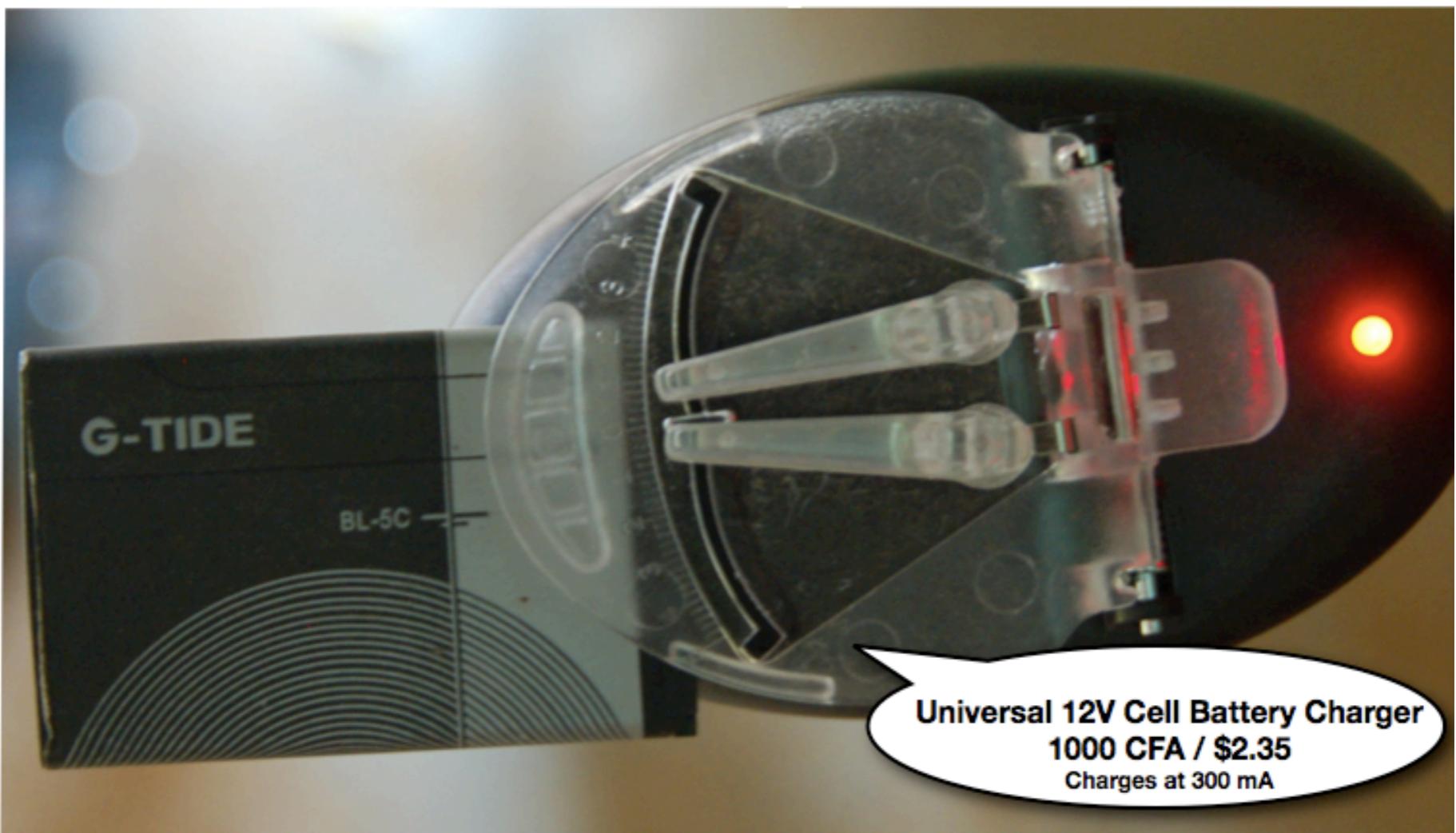
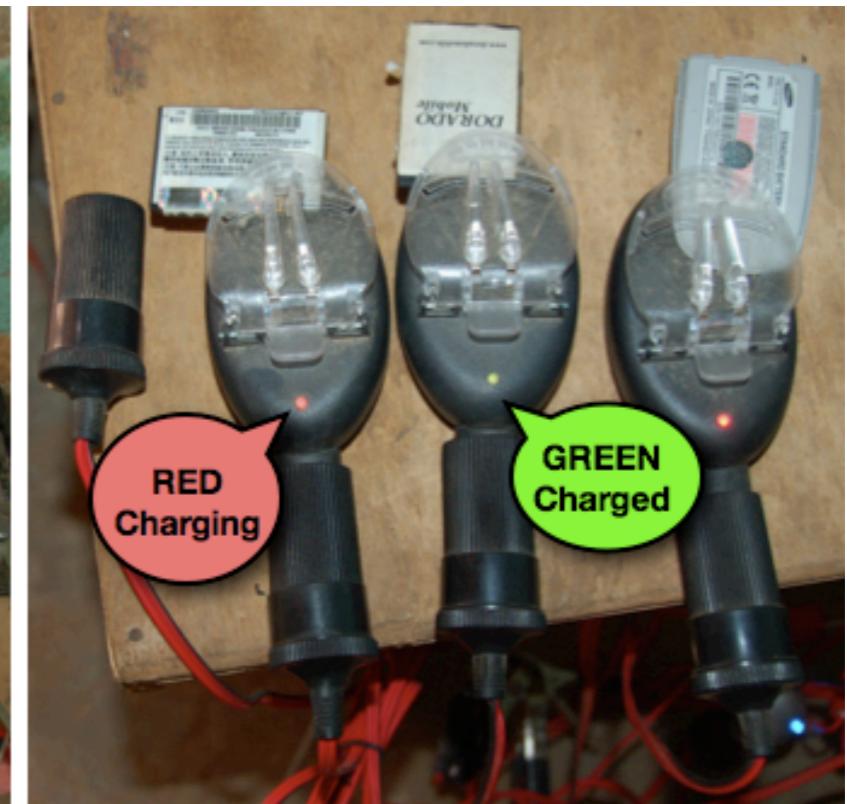
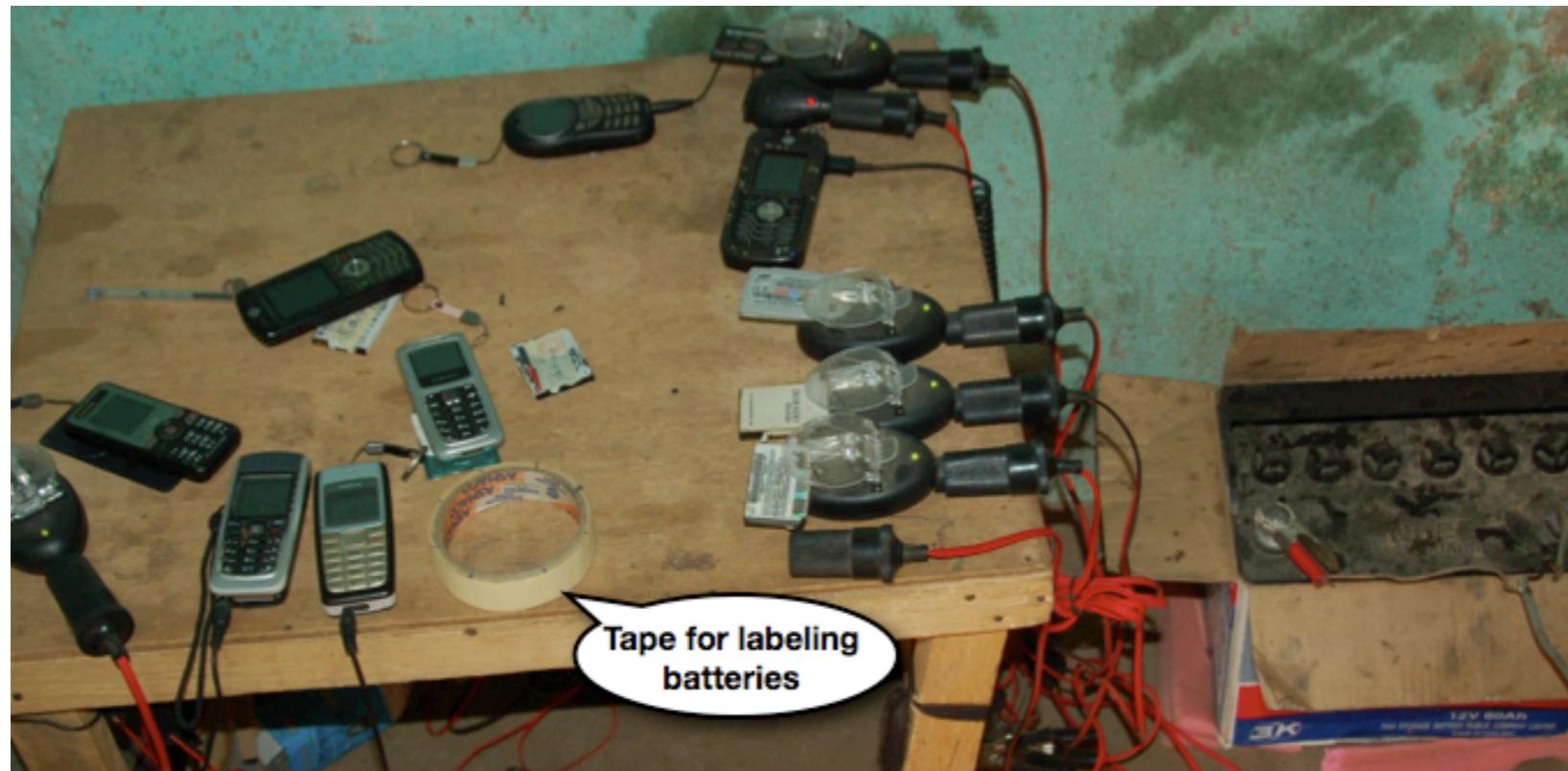
It costs 100 CFA / \$0.25 per cell phone charge. There are approximately 20 phones (\$5) being charged at this location.

300W AC Inverter

Standard 70 AH
12V Car Battery

Car Battery Recharge
750 CFA / \$1.75

Off-Grid Cell Phone Charging (Mali)





Cell phone accessories
are widely available