

**NAME**

`on_ac_power` – test whether computer is running on AC power

**SYNOPSIS**

`on_ac_power`

**DESCRIPTION**

`on_ac_power` checks whether the system is running on abundant power (such as AC mains, an USB charger, etc), as opposed to battery power.

**OPTIONS**

None.

**EXIT STATUS**

**0** (true) System is on mains power

**1** (false) System is not on mains power

**255** (false) Power status could not be determined

**CAVEATS**

The vast majority of desktops and servers have no power sensors, thus they return 255 "unknown"; for most purposes you'd want to consider this answer to imply mains power — note that 255 evaluates as false for the shell.

This program currently provides only information known to the kernel; it doesn't (yet?) query userspace daemons such as `nut` which may provide further information.

**AUTHOR**

This manual page was written by Steve Dodd <steved@loth.demon.co.uk>, was updated by Thomas Hood then by Adam Borowski.