

# mktime

WMPRO, WMMINI FW  $\geq$  1.0 WMMEGA FW  $\geq$  2.0

Return the Linux Timestamp for a given date and time

## Description

```
int mktime ( int $hour, int $minute, int $second, int $month, int $day, int $year )
```

## Parameters

**\$hour**: Hour 0-23

**\$minute**: Minutes 0-59

**\$second**: Seconds 0-59

**\$month**: Month 0-11

**\$day**: Day 1-31 (depending on the month)

**\$year**: Year, four digit representation

## Return Values

**Integer**: Seconds since January 1, 1970, 00:00:00, local Wattmon time

## Notes

Unlike mainline PHP, in uPHP “Linux Timestamps” are based upon the Wattmon's local time, not UTC/GMT.

Technically, the Unix Epoch is defined as being January 1, 1970, 00:00:00 *GMT*. But on the [Wattmon](#), timestamps are relative to January 1, 1970, 00:00:00 *local timezone*.

If the Wattmon clock and timezone are set to UTC+00 (GMT) then the uPHP timestamp *is* the same as mainline PHP, otherwise not.

In uPHP on the Wattmon this simplification is referred to as a “Linux Timestamp” but it should be noted that it may not be exactly the same, depending on the Wattmon's timezone settings.

In other words: Wattmon “Linux Timestamps” are based upon local Wattmon time and are not adjusted by the timezone setting in Control Panel > Time Settings (Time and Date Settings) > UTC Offset. (These settings are stored in `/config/time.ini`.)

## Note

This differs from the traditional PHP implementation in that the month variable is 0-11 rather than 1-12. This was due to an early implementation error which we are unable to modify now since too many devices use the code.

## See Also

[microtime\(\)](#) - Return the number of milliseconds since boot

[settime\(\)](#) - Set the system time from a Linux Timestamp, with optional calibration

[strftime\(\)](#) - Format a Linux Timestamp using a format **string**

[time\(\)](#) - Return the current system timestamp

[timefromfat\(\)](#) - Convert a FAT filetime to a Linux Timestamp

[uptime\(\)](#) - Return the uptime in milliseconds

From:

<https://www.wattmon.com/dokuwiki/> - **Wattmon Documentation Wiki**

Permanent link:

<https://www.wattmon.com/dokuwiki/uphp/functions/mkttime?rev=1576562908>

Last update: **2021/09/13 05:56**

