

Universal Power Adapter for Mobile Devices (UPAMD) Working Group

Tuesday 3 August, 2010 at 5:00PM PDT (0000GMT)

WebEx ONLY

Start Time: 3 August 5:00 p.m. PDT End Time: 6:00 p.m. PDT UTC-7

Start Time: 3 August 8:00 p.m. EDT End Time: 9:00 p.m. EDT UTC-4

Start Time: 4 August 8:00 a.m. Taiwan End Time: 9:00 a.m. UTC+7?

Start Time: 4 August 9:00 a.m. Japan End Time: 10:00 a.m. UTC+8?

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Participant Access Code: 4088571273

Approved Minutes 17August2010

Call to Order UPAMD Working Group meeting - Bob Davis 0000Z 24 August 2010

- I. Introductions/Attendance (attendance from WebEx)
- II. Approval of Agenda – Mark Schaeffer moved approval - Leonard Tsai seconded - approved without objection
- III. Approval of Minutes from 20 July 2010 meeting Alexander Schneider moved approval, Minutes Approved
- IV. Final review and adoption of the overall goals of the UPAMD/P1823 Working Group. WebEx poll results follow items a-l. Item m was unanimous voice vote.
 - a. Life expectancy of 10 years, hopefully more. (Yes: 17/18 (94%); No: 1/18 (6%); No Answer 0/18 (0%))
 - b. Same connector for All device and adapter connections if detached cable. (Yes: 16/19 (84%); No: 3/19 (16%); No Answer 0/19 (0%))
 - c. Power range >10W – 130W delivered power to device and is brand, model, and year agnostic. (Yes: 17/18 (94%); No: 1/18 (6%); No Answer 0/18 (0%))
 - d. First adapter must work with last device and last adapter with first device. Standard Compatibility. (Yes: 18/18 (100%); No: 0/18 (0%); No Answer 0/18 (0%))
 - e. Adapter<->Mobile Device communications required for higher power safety >0.7W. (Yes: 15/18 (83%); No: 2/18 (11%); No Answer 1/18 (6%))
 - f. Standard designed to support Certification testing of adapter and device (and cable). (Yes: 14/18 (78%); No: 3/18 (17%); No Answer 1/18 (6%))
 - g. Continuous communications growth to support growth of UPAMD capability. (Yes: 16/18 (89%); No: 2/18 (11%); No Answer 0/18 (0%))
 - h. Basic power delivery mechanism (Yes: 17/18 (94%); No: 1/18 (6%); No Answer 0/18 (0%))
 - i. Must support regular non-battery and battery powered devices
 - i. i. Device may be capable of being a source as well as a sink of power (Yes: 16/17 (94%); No: 1/17 (6%); No Answer 0/17 (0%))
 - i. To supply power other devices beyond the USB 10W power range
 - ii. Able to share power for mission critical or business critical applications if willing
 - j. j. Make independent of rapidly changing technology (Yes: 17/17 (100%); No: 0/17 (0%); No Answer 0/17 (0%))
 - i. Multiple battery technologies currently used – no common adapter or battery voltage
 - ii. Consider isolation to meet medical power needs
 - k. Consider future mobile device design options (Yes: 14/17 (82%); No: 3/17 (18%); No Answer 0/17 (0%))
 - i. Smaller profiles, headed for 10mm to 5mm? Different shape devices, non-edge usage
 - l. Connector must not mate with any current designs – product Safety issue – no confusion (Yes: 13/17 (76%); No: 0/17 (24%); No Answer 0/17 (0%))
 - m. Apply KISS principle – Keep It Simple Stupid within the other goals. (Yes: 17/17 (100%); No: 0/17 (0%); No Answer 0/17 (0%))

- n. ~~Environmentally friendly to eventual disposal~~ (A requirement, not needed as a goal)
- V. New Business
 - a. Started seeking candidates for Chairs for Sub-Committees for connector, communication and power working groups.
- VI. Next meeting 17/18 August 2010.
 - a. Adoption of the General Goals
 - b. Start Communications discussion as it may affect Connector discussion
- VII. Date for a Face – Response for face meeting in the late mid-late August time frame in SFBay did not justify.
- VIII. Other concerns of the group
- IX. Adjournment. Leonard Tsai moved 1835.

Please send any changes or additions to Bob Davis bobd@scsi.com.