

## UPAMD/P1823 General Goals

Adopted 3 August 2010

Updated 26 April 2011

1. Life expectancy of 10 years for Standard
2. Same connector for All device and adapter connections, if detachable cable.
3. Power range >10W – 130W delivered power to device and is brand, model, and year agnostic.
4. First adapter must work with last device and last adapter with first device. Standards Compatibility
5. Adapter<->Mobile Device communications required for higher power, low energy connect-disconnect
6. Standard designed to support Certification testing of adapter, device and cable
7. Continuous communications growth to support growth of UPAMD capability.
8. Basic power delivery mechanism to support non-battery and battery powered devices
9. Device may be capable of being a source as well as a sink of power.
10. Make independent of rapidly changing technology
11. Consider future mobile device design options; Smaller profiles, shapes, and mounting positions
12. Connector must not mate with any current designs – no confusion,
13. Apply KISS principle – Keep It Simple Stupid within the other goals.

[Rational](#)