

ECN for USB Power Delivery Specification Revision 3.2

Version 1.1, 2024-10

Title: Errata PDO type

Brief description of the functional changes proposed:
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PDO Type variable and battery have been swap in last spec version

Benefits as a result of the proposed changes:
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Avoid IOP issues

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
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An analysis of the hardware implications:
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An analysis of the software implications:
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An analysis of the compliance testing implications:
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Actual Change Requested

(a). Section x.x.x, Page x, Figure/Table x-x

From Text:

Table 6.7 “Power Data Object”

Bit(s)	Description	
	Value	Parameter
B31...30	00b	Fixed supply ($V_{min} = V_{max}$)
	01b	Battery
	10b	Variable Supply (non-Battery)
	11b	Augmented Power Data Object (APDO)
B29...0	Specific Power Capabilities are described by the PDOs in the following sections.	

Table 6.11 Variable Supply (non-Battery) PDO – Source

Bit(s)	Field	Description
B31...30	<i>Variable Supply</i>	01b - <i>Variable Supply (non-Battery) PDO</i>
B29...20	<i>Maximum Voltage</i>	Maximum voltage in 50mV units
B19...10	<i>Minimum Voltage</i>	Minimum voltage in 50mV units
B9...0	<i>Maximum Current</i>	Maximum current in 10mA units

Table 6.12 Battery Supply PDO – Source

Bit(s)	Field	Description
B31...30	<i>Battery Supply</i>	10b - <i>Battery Supply PDO</i>
B29...20	<i>Maximum Voltage</i>	Maximum voltage in 50mV units
B19...10	<i>Minimum Voltage</i>	Minimum voltage in 50mV units
B9...0	<i>Maximum Allowable Power</i>	Maximum allowable power in 250mW units

To Text:

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