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IEC 61427-1 Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 1: Photovoltaic off-grid application ... History. References Organization: IEC: Publication Date: 1 April 2013: Status: active: Page Count: 42: ICS Code (Solar energy engineering): 27.160: ICS Code (Acid secondary cells ...

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EN 61427-1:2013 - 2 - Foreword . The text of document 21/793/FDIS, future edition 1 of IEC 61427-1,

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prepared by IEC/TC 21 "Secondary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61427-1:2013. The following dates are fixed: o latest date by which the document has

1 IEC 61427 cycle=(50 shallow cycles at low SOC)+(100 shallow cycles at high SOC) 1 IEC 61427 cycle=1 year of service life in a PV application CHOOSING THE RIGHT BATTERY Page 1 of 2 1 - For example, a 100 amp-hour (Ah) battery will be considered to be at end of life when it does not deliver at least 80Ah in a capacity test.

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61427- 1 IEC:2013 - 7 - IEC 61951-2, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Portable sealed rechargeable single cells - Part 2: Nickel -metal hydride IEC 61960, Secondary cells and batteries containing alkaline or other non-acid electrolytes -

Commission standard IEC 61427-1:2013 Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 1: Photovoltaic off-grid application. Section 6 Functional characteristics were carried out using the four tests 8.1 Capacity test, 8.2 Generic cycling endurance test, 8.3 Charge retention test, and 8.4

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