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| 1. Record Nr.           | UNIORUON00021962  |
| Titolo                  | JAPANESE Religion. A survey / by the Agency for Cultural Affairs  |
| Pubbl/distr/stampa      | Tokyo, : Kodansha, 1972 272 p., : tav. ; 24 cm  |
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| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| 2. Record Nr.           | UNINA9910972918903321   |
| Autore                  | Balakrishnan P. G   |
| Titolo                  | Development in valve-regulated lead-acid (VRLA) batteries // P.G. Balakrishnan and John Rethinam  |
| Pubbl/distr/stampa      | New York, : Nova Science Publishers, c2008  |
| ISBN                    | 1-60876-298-X   |
| Edizione                | [1st ed.]   |
| Descrizione fisica      | 1 online resource (120 p.)  |
| Altri autori (Persone)  | RethinamJohn  |
| Disciplina              | 621.31/2424   |
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| Nota di contenuto       | ""DEVELOPMENTS IN VALVE-REGULATED LEAD-ACID (VRLA) BATTERIES""; ""NOTICE TO THE READER""; ""CONTENTS""; ""PREFACE""; ""HISTORY OF THE LEAD-ACID BATTERY""; ""THE DEVELOPMENT OF VALVE-REGULATED LEAD-ACID BATTERY""; ""MERITS OR ADVANTAGES OF VRLA BATTERY TECHNOLOGY""; ""CRITERIA FOR THE SUCCESSFUL OPERATION OF a€œOXYGEN CYCLEa€? IN VRLAB""; ""GRIDS AND ALLOYS FOR VR BATTERIES""; ""CASTING OF GRIDS""; ""PASTE MIXING |

AND PASTING OPERATIONS"; "CURING"; "ABSORPTIVE GLASS MAT SEPARATOR (AGM)"; "FORMATION"; "CADMIUM VOLTAGE READINGS"; "ASSEMBLY OF VR BATTERIES"; "CONTAINERS AND COVERS"  
"PRESSURE VENTS (SAFETY VALVES)"; "ASSEMBLY OF GELLED VR BATTERIES"; "ASSEMBLY OF AGM VR BATTERIES"; "FILLING OF VR BATTERIES WITH ELECTROLYTE"; "FILLING OF AGM BATTERIES WITH ELECTROLYTE"; "FILLING OF GELLED VR BATTERIES WITH ELECTROLYTE"; "CONDITIONING CYCLES"; "ADVANCED LEAD-ACID BATTERY CONSORTIUM"; "ELEMENT COMPRESSION"; "FAST CHARGE"; "NEW GENERATION AUTOMOTIVE BATTERIES"; "OPERATIONAL EXPERIENCE"; "FAILURES OF VRLAB a€? CAUSES AND REMEDIAL MEASURES"; "POSITIVE GRID CORROSION"; "SOFTENING OF PAM"; "LEAKS"; "CHARGING OF VRLA BATTERIES"  
"VOLTAGE VARIATION IN FLOAT OPERATION"; "ACCURATE CONTROL OF CHARGING VOLTAGE"; "TEMPERATURE/THERMAL RUNAWAY/DRY OUT"; "BATTERY MONITORING"; "CATALYST"; "USE OF RECOMBINING CATALYST PLUGS IN VRLA BATTERIES [210-211] (ELECTROCHEMICAL IMBALANCE)"; "RESULTS OF EXPERIMENTS WITH CATALYSTS"; "FAILURE OF NEGATIVE HALF-BLOCK"; "PREMATURE CAPACITY LOSS [220-229]"; "PASSIVATION OF POSITIVE PLATE (PPP)"; "LEADING THROUGH"; "WATER LOSS"; "POSITIVE MASS SOFTENING AND SULPHATION"; "SHORT CIRCUITS [69, 208]"; "ANALYSIS OF FAILURE MODES"; "CONCLUSION"; "REFERENCES"; "INDEX"

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## Sommario/riassunto

VRLA battery technology being a comparatively new one, a lot of teething troubles were encountered in the initial periods of its introduction. A detailed analysis of the failure modes of VRLA batteries and remedial measures adopted by the industry is here critically analysed.

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