

(PREVIEW)

Indian Standard**SOLID STATE INVERTERS RUN FROM
STORAGE BATTERIES – SPECIFICATION****1 SCOPE**

1.1 This standard lays down the requirements and tests for solid state inverters run from storage batteries (dc source).

1.2 For some specific applications, additional requirements may be required. Such additional requirements may be agreed between the manufacturer and the user.

2 REFERENCES

The Indian Standards listed in Annex A are necessary adjunct to this standard.

ANNEX A

(Clause 2)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>
694 : 1977	PVC insulated cables for working voltages upto and including 1100 V (<i>second revision</i>)
1248 : 1983	Direct acting indicating analogue electrical measuring instruments and their accessories
1885 (Part 27) : 1985	Electrotechnical vocabulary : Part 27 Power electronics (<i>first revision</i>)
2086 : 1982	Carriers and bases used in the rewirable type electric fuses upto 650 volts (<i>second revision</i>)
2419 : 1979	Dimensions for panel mounted indicating and recording electrical instruments (<i>first revision</i>)
2628 (Part 1) : 1964	Rotary water switches (low current rating) : Part 1 Tests and general requirements
2628 (Part 2) : 1967	Rotary water switches (low current rating) : Part 2 Rotary wafer switches with central mounting
3854 : 1988	Switches for domestic and similar purposes (<i>first revision</i>)
5921 (Part 6) : 1987	Metal clad base materials for printed circuits for use in electronic and telecommunication equipment : Part 6 Epoxide woven glass fabric copper-clad laminated sheet general purpose grade
6297 (Part 1) : 1971	Transformers and inductors (power, audio, pulse and switching) for electronic equipment : Part 1 General requirements and tests
6297 (Part 2) : 1973	Transformers and inductors (Power, audio, pulse and switching) for electronic equipment : Part 2 Power transformers
9000 (Part 2) : 1977	Basic environmental testing procedures for electronic and electrical items: Part2 Cold test
9000 (Part 3) : 1977	Basic environmental testing procedures for electronic and electrical items : heat test

9000 (Part 5/ Sec 2) : 1981 Basic environmental testing procedure for electronic and electrical items : Part 5 Damp heat (cyclic) test, Section 2 12 + 12 h cycle Reference ambient
9676 : 1980 Reference ambient temperature for electrical equipment
10580 : 1983 Service conditions for electrical equipment
12360: 1988 Voltage bands for electrical installations including preferred voltages and frequency