

GP Batteries

Data Sheet

Model No.:VD151

Document Number: SDS9956

Revision:3

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Specifications :

Model No	:	VD151
Battery Type	:	Nickel Metal Hydride
For use with	:	Sony NP-55/66/77, Panasonic NV-S100, Sharp BT-70/80
Color	:	Black (B)
Battery	:	5 X NT211AFH
Nominal Voltage	:	6.0V
Cut Off Voltage	:	5.0V
Capacity	:	2000 mAh at 0.2C**
Continuous Operation Time*	:	45 minutes (estimated)
Temperature Range	:	Charge : 0 ~ 45° C Discharge : -20 ~ 50° C Storage : -20 ~ 50° C
Casing Material	:	ABS
Typical Weight	:	165g
Charging	:	Battery should be charged in an Original Manufacturer charger. First Charge Rate : 0.1C Subsequent Charge Rate : 0.1C ~ 1C
Leakage Test	:	Leakage test starts after battery is fully discharged. Battery shall be placed under load. The battery should be monitored for a period up to two months but not less than ten days.
Safety	:	Each battery is equipped with a thermostat and thermistor to protect battery from high temperature and/or short circuit Each cell is also equipped with a safety vent system in case abuses occur.
Warranty	:	Six (6) months limited warranty from date of purchase.

**data valid only when the battery pack is on fully charged condition.

*** Battery pack should be firstly charged and discharged for 3 complete cycles as a warm-up. The pack should then be charged at 0.1C and its capacity be measured by discharging at 0.2C till cut.

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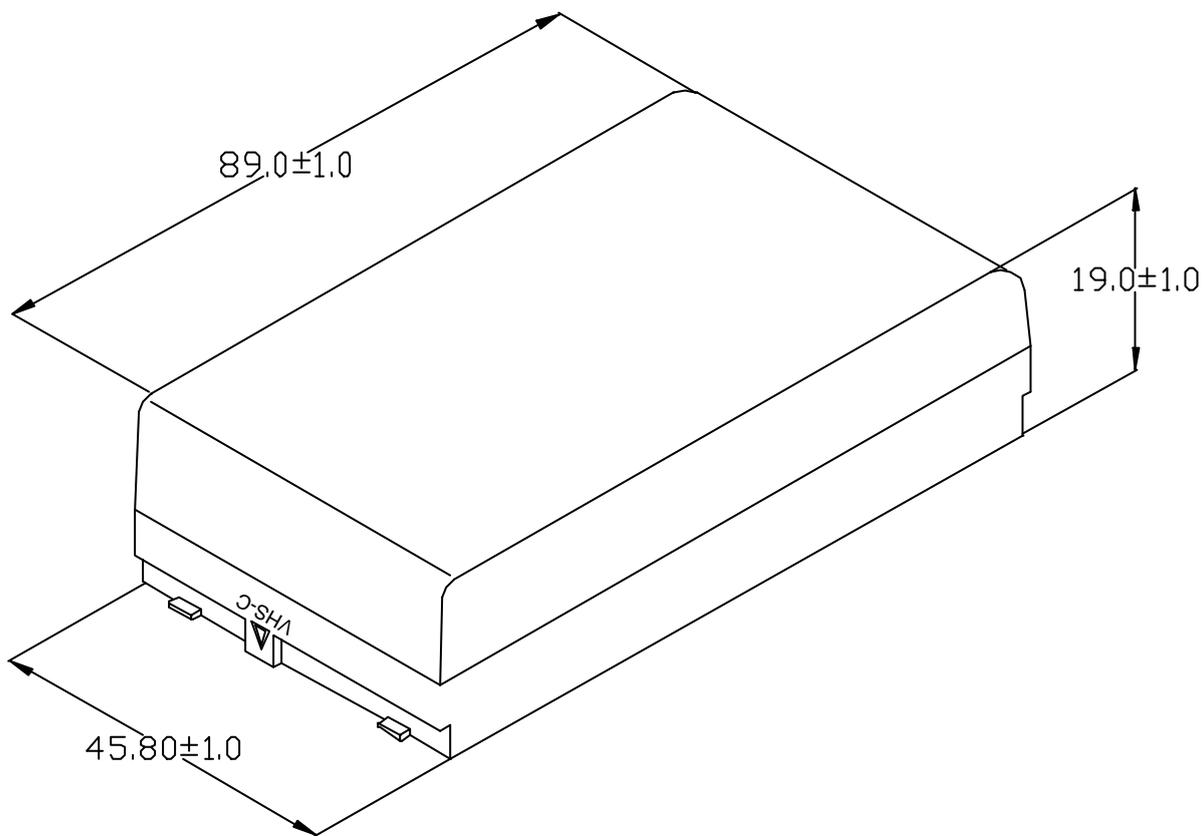
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Mechanical Drawing :



Remark: Dimensions showed are for reference only. For detail, please refer to the engineering drawing.

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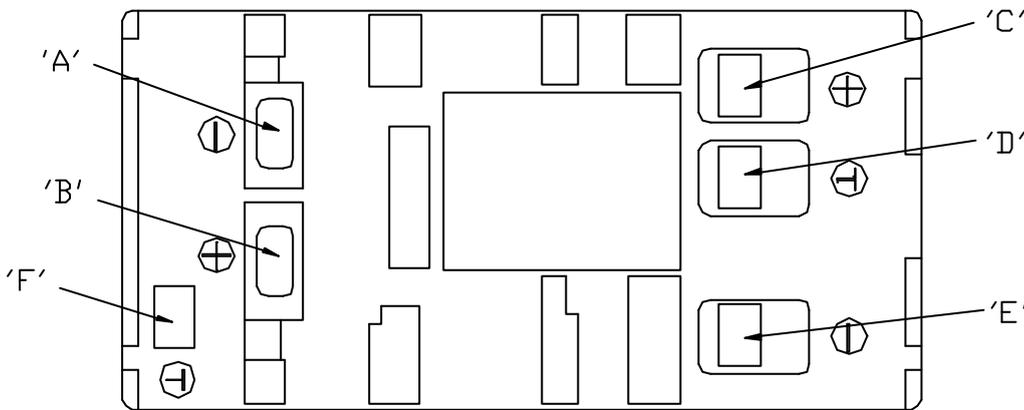
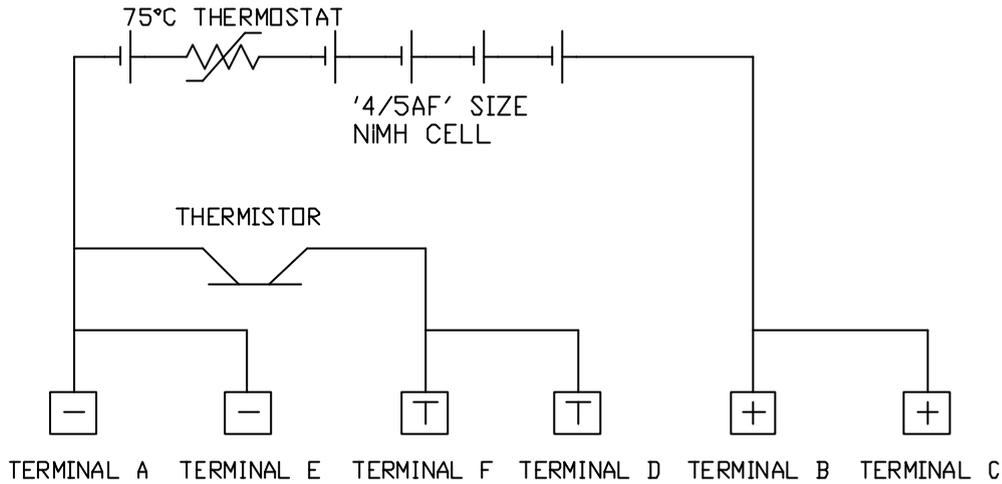
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Circuit Diagram :



FRONT VIEW

DESCRIPTION	CHECK POINT	SPECIFICATION
D.C.V.	B-A C-E	+6.0V MIN. ('B' & 'C' ARE +VE TERMINALS.)
THERMISTOR	F-A D-E	8.2 - 13.7K ohm 20-27 °C