



NiCd / NiMH Notes:

[Charging Temperature]
Absolute (32 to 113) F
Recommended (50 to 85) F

[Cell Voltage]
1.20 V / Cell (Nominal)
1.52 V / Cell (NiMH, Charged)
1.65 V / Cell (NiCd, Charged)

(See) Figure 2.10 of <https://doi.org/10.1016/B978-0-12-407947-2.00002-X>
<https://www.sciencedirect.com/topics/engineering/open-circuit-cell-voltage>

[14.4 V Battery Pack]
(12 Cells in Series)
PGM0 -- REF
PGM1 -- BATT-
PGM2 -- BATT-
PGM3 -- BATT-
18.24 V Charged (NiMH)
19.80 V Charged (NiCd)
4.8V Under-Volt Lock-Out

[18.0 V Battery Pack]
(15 Cells in Series)
PGM0 -- BATT-
PGM1 -- REF
PGM2 -- REF
PGM3 -- REF
22.80 V Charged (NiMH)
24.75 V Charged (NiCd)
6.0V Under-Volt Lock-Out

Star Ground
GNDPWR GNDA

Sheet: /
File: Battery_Charger_V1.sch

Title:

Size: A4
KiCad E.D.A. eeschema (5.1.9)-1

Date:

Rev:

Id: 1/1