



General Electric Specification : 24V Basic Module C2

| | HD | UHD | HP | | | |
|--|-------------------|------------|-----------|----|----------------|--|
| Battery Capacity @ 1 A Discharge | 28,5 | 34 | 30 | Ah | + 1 / - 2 | @ 0 cycles |
| Battery Capacity @ 10 A Discharge | 27,5 | 33 | 29 | Ah | + 1 / - 2 | @ 0 cycles |
| Minimal Cycle Life (standard setting) | 1000 | 500 | 300 | # | full cycles | min. 70% rated capacity |
| Minimal Cycle Life (long life setting) | 2000 | 1000 | 500 | # | full cycles | min. 70% rated capacity |
| Nominal Voltage | 25,2 | 25,2 | 25,2 | V | | |
| Charge Voltage Limit | 29,4 | 29,4 | 29,4 | V | + 0.0 / - 0.28 | not for long life settings |
| Nominal Charge Current | 10 | 10 | 10 | A | | recommended : "CC" and "CV" model |
| End of Charge Current Limit | 0,5 | 0,5 | 0,5 | A | | advised |
| Discharge Voltage Limit | 20 | 20 | 20 | V | +/- 1 | drive system should shutdown at this Voltage |
| Nominal Discharge Current | 30 | 30 | 50 | A | | |
| Peak Discharge Current | 55 | 55 | 150 | A | | @ T =25°C / 10 sec |
| Fast Charging | No | No | Yes | | | |
| Parallel Switching | Yes (MPC**) | | | | | max 16P |
| Serie Switching (High Voltage) | No | | | | | |
| Certification | UN 38.3; IEC62133 | | | | | for at least one Cell type |
| Functional Safety Compliance | IEC61508 | | | | | design suitable for Certification |
| Ingress Protection level | No | | | | | |

** Multi Pack Configuration



Cleantron
 Pesetaweg 37 2153 PJ Nieuw Vennepe
 the Netherlands
 +31 (0) 71 887 60 76
 www.cleantron.nl

| | | | |
|---|--|---|--|
| PARALLEL DIS-/CHARGING  Hot Swap Cycle Intelligent Charging | Safety By Redundancy Benefit Higher Currents or Longer Cycle Life Application Fixed | SEQUENTIAL DIS-/CHARGING  Hot Swap Cycle Intelligent Charging | Safety By Redundancy Benefit Less Pack Needed Less Chargers Needed Application Portable |
|---|--|---|--|