



ZX Graphene Super Capacitor Power Module

- Zero Environmental Impact.
- Zero Maintenance.
- Long Shelf Life.
- High Power Density in hot and cold environments.
- Up to 200,000 Charge and Discharges.
- 30 years of Service Life.
- 4 Button LCD Control Panel and LED Indicators.
- State Of Charge and AH Remaining.
- Capacitor Cell Data.
- VDC.
- Cycles Of Operation.
- Charge and Discharge Current.
- -40C to +60C Operating Temp Range.
- Optional SNMP Ethernet.
- Zero Clearance installation.
- No Cooling or Heating Required
- Modular Design for Capacity or Redundancy using 20 identical modules.
- Aluminum Construction.
- Rated in Watts Per Hour.
- UPS, BBS, Inverter, rectifier and Solar applications.
- 24, 36, 48 & 72VDC .
- Shelf, Rack or Vertical Installation.
- Up to 200 Amps of charger current per module.
- 10 Year Warranty.
- Designed and manufactured in Canada and assembled in the USA.

ZX SUPER CAPACITOR SPECIFICATIC



| | ZX2000-24 | ZX1000-36 | ZX2000-36 | ZX2000-48 |
|------------------------------|---|---|---|---|
| RATING | 2000Wh | 1000Wh | 2000Wh | 2000Wh |
| VDC NOMINAL | 24 | 36 | 36 | 48 |
| AH RATING | 105 | 33 | 58 | 60 |
| MAX VDC | 28.5 | 42 | 42 | 57 |
| MIN VDC | 21 | 40 | 40 | 42 |
| MAX DISCHARGE CURRENT | Circuit Breaker Limited* 65A | Circuit Breaker Limited* 60A | Circuit Breaker Limited* 63A | Circuit Breaker Limited* 63A |
| MAX CHARGE CURRENT | *65A | *65A | *65A | *65A |
| LCD CONTROL PANEL | LCD. Capacity, VDC, AH, Charge. Charge and Discharge Amp. Cell VDC Cell Temp, Alarm, Parallel Status | LCD. Capacity, VDC, AH, Charge. Charge and Discharge Amp. Cell VDC Cell Temp, Alarm, Parallel Status | LCD. Capacity, VDC, AH, Charge. Charge and Discharge Amp. Cell VDC Cell Temp, Alarm, Parallel Status | LCD. Capacity, VDC, AH, Charge. Charge and Discharge Amp. Cell VDC Cell Temp, Alarm, Parallel Status |
| LED INDICATORS | SOC 25%, 50% 75%, 100%, RUN, ALARM | SOC 25%, 50% 75%, 100%, RUN, ALARM | SOC 25%, 50% 75%, 100%, RUN, ALARM | SOC 25%, 50% 75%, 100%, RUN, ALARM |
| COMMUNICATION PORTS | Parallel RS485 x 2 1X RJ 45 | Parallel RS485 x 2 1X RJ 45 | Parallel RS485 x 2 1X RJ 45 | Parallel RS485 x 2 1X RJ 45 |
| PARALLEL SETTINGS | Dip Switch x 6 | Dip Switch x 6 | Dip Switch x 6 | Dip Switch x 6 |
| DC CONNECTIONS | Anderson 2 x SB50 Series RED or Grey | Anderson 2 x PP65 Series | Anderson 2 x PP65 Series | Anderson 2 x SB50 Series RED or Grey |
| DIMENSIONS | 5.5H x 17W x 14.2D | 5.5H x 16W x 11.2D | 5.5H x 17W x 14.2D | 5.5H x 17W x 14.2D |
| WEIGHT | 47lbs/21.36kg | 30lbs/13.6kg | 48lbs/21.8kg | 48lbs/21.8kg |

BACK UP TIME FULLY CHARGED

| ZX2000-24 | | ZX1000-36 | | ZX2000-36 | | ZX2000-48 | |
|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|
| LOAD | Hrs/Minutes | LOAD | Hrs/Minutes | LOAD | Hrs/Minutes | LOAD | Hrs/Minutes |
| 250 Watts | 8.0 hrs | 250 Watts | 4.0 hrs | 250 Watts | 8.0 hrs | 250 Watts | 8.0 hrs |
| 500 Watts | 4.0 hrs | 500 Watts | 2.0 hrs | 500 Watts | 4.0 hrs | 500 Watts | 4.0 hrs |
| 1000 Watts | 2.0 hrs | 1000 Watts | 1.0 hrs | 1000 Watts | 2.0 hrs | 1000 Watts | 2.0 hrs |
| 1500 Watts | 1.5 hrs | | | 1500 Watts | 1.5 hrs | 1500 Watts | 1.5 hrs |
| 2000 Watts | 1.0 hrs | | | 2000 Watts | 1.0 hrs | 2000 Watts | 1.0 hrs |

Back up time based on watts and load

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Made In Canada

Specifications are subject to change without notice at the sole discretion of TechPower Developments Inc.