

# GECI QUASAR

## CARBON NANO MOTIVE BATTERY

### Features:

- Thin tube technology giving high energy density and excellent high rate discharge performance
- Carbon Nanotube Technology provides greater charge acceptance vs conventional lead acid batteries
- 2X Faster Charging allows opportunity charging and eliminate the need for battery changes
- Increased run time vs conventional battery gives up to 25% more truck hours
- Extreme Temperature performance makes it ideal for cold storage and outdoor application with runtime up to 50% more than PZS

### Suitable Applications:

- VNA Applications
- Multi Shift Applications – 24/7
- Cold Storage Applications
- AGV Applications
- Seasonal Activity Peaks
- Heavy Duty Manufacturing – charge in application
- Ground Support Equipment
- High Parasitic

### Fast & Opportunity Charging:

1. Fast Charge - 4hr recharge possible from 20% to 100% SOC with 40% FSC (C5 capacity) eg 1000Ah battery = Maximum charger size is 400A
2. Opportunity Charging (40% FSC) - 1 hour opportunity charge from 50% SOC will take the battery back up to 85% SOC
3. Opportunity Charging (35% FSC) - 1 hour opportunity charge from 50% SOC will take the battery back up to 81% SOC



Charlotte, NC

877.914.8999

[info@GECIproducts.net](mailto:info@GECIproducts.net)

[www.GECIproducts.net](http://www.GECIproducts.net)

QUASAR™ BCI - Carbon Nano Motive Batteries						
Battery Model	BCI Cross Reference	Ah	kWh	Tray Dimensions (L" x W" x H")	Cover	Weight in (lbs.)
<b>6 Cell / 12 Volt - QUASAR™ - Carbon Nano</b>						
06-QS1260	06-E95-13	630	7.6	30.13" x 6.50" x 23.25"	Y	513
06-QS1260	06-E95-13	570	6.8	30.13" x 7.88" x 23.25"	Y	626
06-QS1260	06-E95-13	570	6.8	32.25" x 7.88" x 23.25"	Y	612
06-QS2100	06-E95-21	2100	25.2	24.50" x 12.88" x 23.25"	Y	800
<b>12 Cell / 24 Volt - QUASAR™ - Carbon Nano</b>						
12-QS840	12-E95-09	420	10.1	24.50" X 11.00" X 22.63"	N	710
12-QS840	12-E95-09	420	10.1	25.75" X 11.00" X 22.63"	N	711
12-QS840	12-E95-09	420	10.1	32.60 X 10.88" X 22.63"	N	775
12-QS840	12-E95-09	420	10.1	24.50" X 11.00" X 22.63"	N	710
12-QS1050	12-E95-11	525	12.6	32.25" X 10.88" X 22.63"	N	861
12-QS1260	12-E95-13	630	15.1	30.75" X 12.88" X 23.25"	Y	986
12-QS1460	12-E95-15	730	17.5	35.25" X 12.88" X 22.63"	N	1142
12-QS1890	12-E95-19	855	20.5	38.38" X 14.88" X 22.63"	N	1446
12-QS2100	12-E95-21	1050	25.2	32.75" X 19.25" X 22.63"	N	1582
12-QT1180	12-E135-09	590	14.2	24.50" X 13.55" X 30.13"	N	983
12-QT1470	12-E135-11	735	17.6	32.25" X 10.88" X 30.13"	N	1139
12-QT1770	12-E135-13	885	21.2	30.75" X 12.88" X 30.13"	Y	1292
12-QT1770	12-E135-13	885	21.2	35.50" X 11.50" X 31.25"	Y	1362
12-QT2060	12-E135-15	945	22.7	35.25" X 12.88" X 30.13"	N	1559
12-QT2060	12-E135-15	945	22.7	35.25" X 14.00" X 30.13"	N	1565
12-QT2060	12-E135-15	945	22.7	38.38" X 12.00" X 30.13"	N	1559
12-QT2360	12-E135-17	1180	28.3	38.38" X 13.50" X 30.13"	N	1726
12-QT2650	12-E135-19	1325	31.8	38.38" X 15.50" X 30.13"	N	1970
<b>18 Cell / 36 Volt - QUASAR™ - Carbon Nano</b>						
18-QS840	18-E95-09	420	15.1	32.25" x 12.88" x 22.63"	N	1045
18-QS1050	18-E95-11	525	18.9	38.38" X 13.55" X 22.63"	N	1261
18-QS1260	18-E95-13	630	22.7	38.38" X 15.50" X 22.63"	N	1500
18-QS1460	18-E95-15	665	23.9	32.50" x 24.50" x 22.63"	N	1835
18-QS1680	18-E95-17	840	30.2	38.38" X 20.10" X 22.63"	N	1937
18-QS1680	18-E95-17	840	30.2	33.21 X 25.75" X 22.63"	N	2001
18-QS1890	18-E95-19	945	34.0	32.25" X 29.00" X 22.63"	N	2212
18-QS1890	18-E95-19	945	34.0	35.15 X 25.75" X 22.63"	N	2242
18-QS1890	18-E95-19	945	34.0	38.50 x 22.43 x 22.63	N	2147
18-QS1890	18-E95-19	945	34.0	35.15 X 25.75" X 23.25"	Y	2218
18-QS2100	18-E95-21	1050	37.8	38.38" X 24.25" X 22.63"	N	2396
18-QS2100	18-E95-21	1050	37.8	38.38" X 24.50" X 22.63"	N	2425
18-QS2310	18-E95-23	1155	41.6	38.38" X 26.75" X 22.63"	N	2608
18-QS2520	18-E95-25	1260	45.4	38.38" X 29.25" X 22.63"	N	2760
18-QS2730	18-E95-27	1365	49.1	38.38" X 31.25" X 22.63"	N	3031
18-QS2920	18-E95-29	1330	47.9	38.38" X 33.75" X 22.63"	N	3280
18-QS3150	18-E95-31	1575	56.7	38.38" X 36.25" X 22.63"	N	3504
18-QS3360	18-E95-33	1620	58.3	38.38" X 38.38" X 22.63"	N	3736
18-QS3360	18-E95-33	1520	54.7	43.38 X 38.63 X 22.63"	N	3718
18-QT1180	18-E135-09	540	19.4	25.25" x 18.25" x 30.13"	N	1419
18-QT1470	18-E135-11	675	24.3	38.38" X 13.55" X 30.13"	N	1708
18-QT1770	18-E135-13	885	31.9	25.75" X 25.50" X 30.13"	N	2235
18-QT1770	18-E135-13	885	31.9	36.43 X 19.25" X 30.13"	N	2235
18-QT1770	18-E135-13	885	31.9	38.38" X 15.50" X 30.13"	N	1985
18-QT2060	18-E135-15	1030	37.1	38.38" X 17.88" X 30.13"	N	2275
18-QT2360	18-E135-17	1180	42.5	38.38" X 20.10" X 30.13"	N	2596
18-QT2650	18-E135-19	1325	47.7	38.38" X 22.25" X 30.13"	N	2854
18-QT4710	18-E135-25	1215	43.7	38.38" X 29.25" X 30.13"	N	3943

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Charlotte, NC

1.877.914.8999

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GECIproducts.net

info@GECIproducts.net

