

Range: **POWERBLOCK**

Type name: **DB12-150**



| PERFORMANCES* | | CONFIGURATION | |
|--|----------------|---------------|------------------------|
| Voltage: | 12 V | Size: | 483x170x239 mm |
| Capacity: | 160 Ah (20h) | Polarity: | 1 |
| Cap. 5/10/100h: | 132/150/169 Ah | Terminal: | M (M8 thread) |
| Energy at 100h: | 2,03 kWh | Holddown: | - |
| Cycles at 50%: | 1000 | Ventilation: | Valve regulated (VRLA) |
| Max. current: | 1500 A (5seg) | Maintenance: | Not required (MF) |
| Int. Resistance: | 3 mΩ | | |
| Self-Discharge: | 15 months | | |
| (from the date of production, at 25°C) | | | |

*According to standards IEC 60254/60896

| INTERNAL CONSTRUCTION | | COMPONENTS | |
|-----------------------|-------------------------|------------|-------------------------------|
| Technology: | Manufacturer-sealed AGM | Container: | ABS/light grey |
| Alloy: | Calcium | Lid: | ABS/dark grey |
| Separator: | AGM (glass mat) | Plugs: | Termal sealing, ABS/dark grey |
| Total Weight: | 43 kg | Handles: | On container, rope/white |
| Origin: | Asia | | |

| RECOMMENDATIONS | |
|-----------------|---|
| Storage: | Check voltage every 8 months. |
| Recharge: | Use automatic chargers with constant voltage and AGM setup. |
| Installation: | Use the appropriate cable section and length. Keep connections tight. |

CEMA Baterías is the exclusive importer for Europe of DECK Battery products

TABLES & CHARTS

POWERBLOCK

DB12-150

DB12-150 Constant Current Discharge (Amperes) at 25 °C

| F.V/Time | 10min | 15min | 20min | 30min | 45min | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 20h |
|------------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 1.85V/cell | 219.6 | 184.8 | 161.5 | 116.2 | 92.3 | 74.9 | 46.5 | 36.3 | 29.4 | 23.9 | 20.8 | 17.0 | 14.2 | 7.97 |
| 1.80V/cell | 280.6 | 223.3 | 190.9 | 137.1 | 107.3 | 83.9 | 50.8 | 39.0 | 31.4 | 25.6 | 22.3 | 18.0 | 15.0 | 8.04 |
| 1.75V/cell | 308.3 | 243.9 | 205.3 | 142.3 | 111.4 | 87.8 | 52.7 | 39.8 | 32.1 | 26.3 | 23.0 | 18.3 | 15.2 | 8.12 |
| 1.70V/cell | 336.1 | 260.4 | 215.8 | 148.2 | 115.8 | 90.5 | 54.8 | 40.9 | 32.9 | 27.0 | 23.4 | 18.6 | 15.3 | 8.27 |
| 1.65V/cell | 362.7 | 276.9 | 229.2 | 156.3 | 118.7 | 93.6 | 56.3 | 42.6 | 34.1 | 27.7 | 23.9 | 18.9 | 15.6 | 8.37 |
| 1.60V/cell | 393.8 | 296.1 | 244.2 | 165.0 | 123.8 | 96.9 | 58.2 | 43.9 | 35.1 | 28.6 | 24.5 | 19.1 | 15.8 | 8.42 |

DB12-150 Constant Power Discharge (Watts/cell) at 25 °C

| F.V/Time | 10min | 15min | 20min | 30min | 45min | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 20h |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 1.85V/cell | 409.8 | 348.4 | 307.7 | 223.3 | 178.5 | 145.4 | 90.7 | 70.9 | 57.5 | 46.9 | 41.1 | 33.6 | 28.0 | 15.9 |
| 1.80V/cell | 516.6 | 414.7 | 358.2 | 260.3 | 205.9 | 161.9 | 98.3 | 75.9 | 61.1 | 50.2 | 44.0 | 35.6 | 29.7 | 16.1 |
| 1.75V/cell | 560.6 | 448.6 | 382.2 | 268.9 | 212.7 | 168.7 | 101.7 | 77.1 | 62.4 | 51.4 | 45.1 | 36.2 | 30.0 | 16.2 |
| 1.70V/cell | 602.5 | 475.4 | 399.4 | 278.8 | 220.6 | 173.6 | 105.5 | 79.0 | 63.9 | 52.6 | 46.0 | 36.7 | 30.2 | 16.5 |
| 1.65V/cell | 645.6 | 502.2 | 422.3 | 292.8 | 225.2 | 178.8 | 108.1 | 82.2 | 65.9 | 54.0 | 46.9 | 37.2 | 30.8 | 16.7 |
| 1.60V/cell | 689.0 | 530.7 | 445.2 | 306.0 | 232.6 | 183.7 | 111.1 | 84.3 | 67.7 | 55.5 | 47.8 | 37.5 | 31.1 | 16.8 |

Discharge Characteristics

