

The new Ultralife URB12400-U1-SMB battery is the prime candidate to power carts and workstations!



Ultralife's new URB12400-U1-SMB ('U1' for short) is the prime candidate for powering carts and workstations in both medical and industrial applications.

When selecting a battery to power a medical or industrial application there will always be multiple candidates to consider. The Ultralife U1's résumé rises to the top of the list, boasting the following job winning attributes...



LiFePO₄

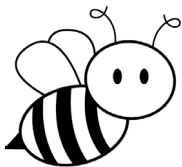
A SAFE PAIR OF HANDS

U1 utilises rechargeable Lithium Iron Phosphate (LiFePO₄) which is widely acknowledged as being one of the safest Lithium battery chemistries on the market.



FULL OF ENERGY

U1 has a nominal voltage of 12.8V and operates between 14.4V when fully charged & 10.0V when discharged. It has a capacity of 38.4Ah meaning an overall rated capacity of 492Wh - *more than enough energy for a full shift.*



A HARD WORKER

U1 can be charged and discharged more than 2,000 times before it needs to be replaced which means years of useful work before retirement.



EXCELLENT COMMUNICATION SKILLS

U1 communicates with a host device via its integrated System Management Bus (SMBus) interface. Devices can request pertinent battery information such as remaining runtime and cycle count for highly accurate power management



A TEAM PLAYER

U1 is designed to be 'plug and play' when used with inverters from Ametek Powervar and Tripp Lite, which are found in powered medical carts across the US and Europe.



YEARS OF EXPERIENCE'

U1 has been designed by Ultralife and is built in their established ISO 9001 and ISO 13485 certified facility alongside other mission critical batteries. *Failure is not an option for the U1.*



ULTRALIFE

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Contact us for more information or to discuss how to integrate our U1 into your cart or workstation

BE SMART URB12400

ULTRALIFE's new URB12400-U1-SMB Lithium Iron Phosphate smart battery offers incredible performance in a wide range of transportable and stationary equipment including medical carts, delivery robots and UPS systems. The inclusion of Ultralife's SMART CIRCUIT™ battery management electronics provides the user with accurate runtime information in addition to a balancing and protection system which maximises both safety and performance.

The URB12400-U1-SMB is specifically designed to replace and improve upon lead batteries in most other applications. The high 14.4V nominal operating voltage allows for a smaller and more compact design than lead acid batteries. The high 14.4V nominal operating voltage also allows for a smaller and more compact design than lead acid batteries. The high 14.4V nominal operating voltage also allows for a smaller and more compact design than lead acid batteries.

As a result of Ultralife's SMART CIRCUIT™ battery management electronics and SMC (Smart Management Circuit) system, the URB12400-U1-SMB is a truly plug-and-play battery. It is designed to be used with inverters from Ametek Powervar and Tripp Lite, which are found in powered medical carts across the US and Europe.

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The URB12400-U1-SMB can be continuously discharged at currents up to 20A and pulsed at currents up to 120A, making it ideal for high power motor drive applications. Regulatory compliance is assured as the URB12400-U1-SMB meets the requirements of UL1642, UL1640, UL1641, UL1642, UL1643, UL1644, UL1645, UL1646, UL1647, UL1648, UL1649, UL1650, UL1651, UL1652, UL1653, UL1654, UL1655, UL1656, UL1657, UL1658, UL1659, UL1660, UL1661, UL1662, UL1663, UL1664, UL1665, UL1666, UL1667, UL1668, UL1669, UL1670, UL1671, UL1672, UL1673, UL1674, UL1675, UL1676, UL1677, UL1678, UL1679, UL1680, UL1681, UL1682, UL1683, UL1684, UL1685, UL1686, UL1687, UL1688, UL1689, UL1690, UL1691, UL1692, UL1693, UL1694, UL1695, UL1696, UL1697, UL1698, UL1699, UL1700, UL1701, UL1702, UL1703, UL1704, UL1705, UL1706, UL1707, UL1708, UL1709, UL1710, UL1711, UL1712, UL1713, UL1714, UL1715, UL1716, UL1717, UL1718, UL1719, UL1720, UL1721, UL1722, UL1723, UL1724, UL1725, UL1726, UL1727, UL1728, UL1729, UL1730, UL1731, UL1732, UL1733, UL1734, UL1735, UL1736, UL1737, UL1738, UL1739, UL1740, UL1741, UL1742, UL1743, UL1744, UL1745, UL1746, UL1747, UL1748, UL1749, UL1750, UL1751, UL1752, UL1753, UL1754, UL1755, UL1756, UL1757, UL1758, UL1759, UL1760, UL1761, UL1762, UL1763, UL1764, UL1765, UL1766, UL1767, UL1768, UL1769, UL1770, UL1771, UL1772, UL1773, UL1774, UL1775, UL1776, UL1777, UL1778, UL1779, UL1780, UL1781, UL1782, UL1783, UL1784, UL1785, UL1786, UL1787, UL1788, UL1789, UL1790, UL1791, UL1792, UL1793, UL1794, UL1795, UL1796, UL1797, UL1798, UL1799, UL1800, UL1801, UL1802, UL1803, UL1804, UL1805, UL1806, UL1807, UL1808, UL1809, UL1810, UL1811, UL1812, UL1813, UL1814, UL1815, UL1816, UL1817, UL1818, UL1819, UL1820, UL1821, UL1822, UL1823, UL1824, UL1825, UL1826, UL1827, UL1828, UL1829, UL1830, UL1831, UL1832, UL1833, UL1834, UL1835, UL1836, UL1837, UL1838, UL1839, UL1840, UL1841, UL1842, UL1843, UL1844, UL1845, UL1846, UL1847, UL1848, UL1849, UL1850, UL1851, UL1852, UL1853, UL1854, UL1855, UL1856, UL1857, UL1858, UL1859, UL1860, UL1861, UL1862, UL1863, UL1864, UL1865, UL1866, UL1867, UL1868, UL1869, UL1870, UL1871, UL1872, UL1873, UL1874, UL1875, UL1876, UL1877, UL1878, UL1879, UL1880, UL1881, UL1882, UL1883, UL1884, UL1885, UL1886, UL1887, UL1888, UL1889, UL1890, UL1891, UL1892, UL1893, UL1894, UL1895, UL1896, UL1897, UL1898, UL1899, UL1900, UL1901, UL1902, UL1903, UL1904, UL1905, UL1906, UL1907, UL1908, UL1909, UL1910, UL1911, UL1912, UL1913, UL1914, UL1915, UL1916, UL1917, UL1918, UL1919, UL1920, UL1921, UL1922, UL1923, UL1924, UL1925, UL1926, UL1927, UL1928, UL1929, UL1930, UL1931, UL1932, UL1933, UL1934, UL1935, UL1936, UL1937, UL1938, UL1939, UL1940, UL1941, UL1942, UL1943, UL1944, UL1945, UL1946, UL1947, UL1948, UL1949, UL1950, UL1951, UL1952, UL1953, UL1954, UL1955, UL1956, UL1957, UL1958, UL1959, UL1960, UL1961, UL1962, UL1963, UL1964, UL1965, UL1966, UL1967, UL1968, UL1969, UL1970, UL1971, UL1972, UL1973, UL1974, UL1975, UL1976, UL1977, UL1978, UL1979, UL1980, UL1981, UL1982, UL1983, UL1984, UL1985, UL1986, UL1987, UL1988, UL1989, UL1990, UL1991, UL1992, UL1993, UL1994, UL1995, UL1996, UL1997, UL1998, UL1999, UL2000.

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