

LITHIUM ION

SDA SERIES



This SDA series use new LiFePO₄ technology, this reliable **Marstech** product is safe, durable and easy to install in any or existing telecommunication sites, especially suitable for outdoor cabinets

APPLICABLE FIELDS

Telecommunication
Uninterrupted power supply
Renewable energy systems
Standby power supply



PRODUCT FEATURES

Low self-discharge rate
High cycle times and long service life
High energy density and conversion efficiency
Environmental friendly, without and heavy metals
Wider range of operation temperature: -20°C~+50°C
Easy installation, can be in 19-inch standard or wall mounted
Predictable end of life due to BMS controller
Design life more than 10 years

SPECIFICATIONS

Operating Voltage Range: 40-56.40V
Max. Voltage: 56.40V
Max. Current Limited: 10A
Cycle Life: >2000 Cycles

Marstech Systems Pte Ltd

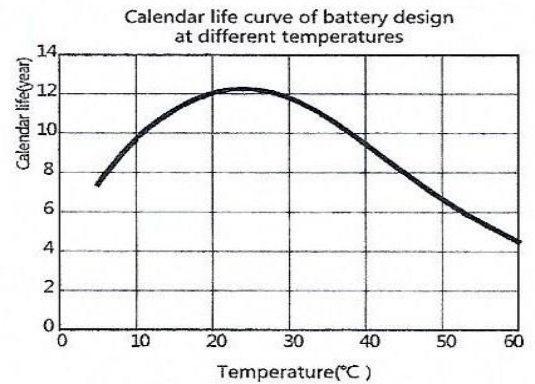
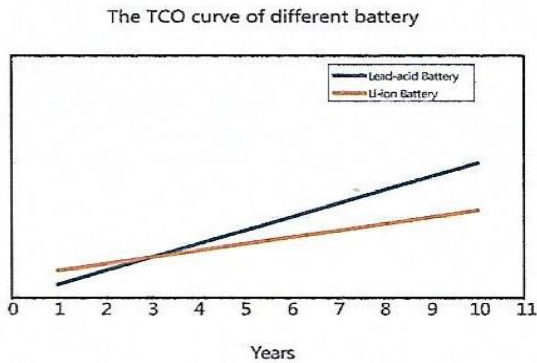
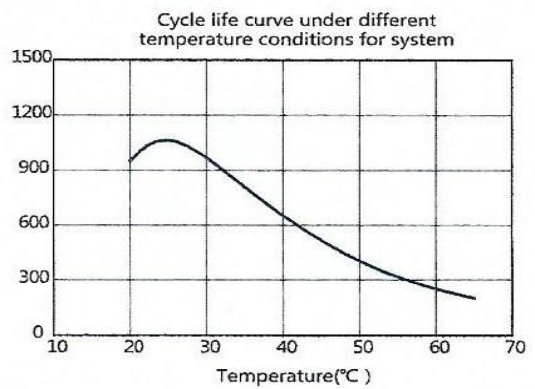
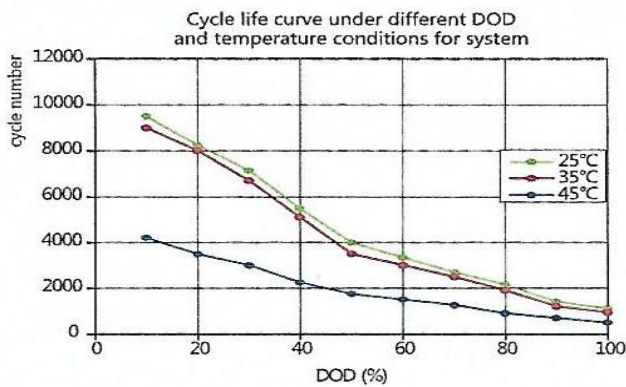
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| Battery Type | Nominal Voltage (V) | Nominal Capacity (Cs @ 25°C) | Dimensions (mm) | | | Weight (kg) |
|--------------|---------------------|------------------------------|-----------------|-------|----------|-------------|
| | | | Width | Depth | Height | |
| SDA 4810 | 48 | 10Ah | 442 | 240 | 44 (1U) | 7.5 |
| SDA 4820 | 48 | 20Ah | 442 | 300 | 88 (2U) | 13.8 |
| SDA 4830 | 48 | 30Ah | 442 | 300 | 133 (3U) | 20.5 |
| SDA 4840 | 48 | 40Ah | 442 | 300 | 177 (4U) | 26.8 |
| SDA 4850 | 48 | 50Ah | 442 | 380 | 133 (3U) | 25.7 |
| SDA 48100 | 48 | 100Ah | 442 | 400 | 177 (4U) | 44.7 |

Cycle Life Curves



Sales office

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Marstech Systems Pte Ltd