

# SAVIOR INDUSTRIAL VERSION READER & ADVANCED BATTERY BACKUP



## SAVIOR INDUSTRIAL VERSION READER

- Rugged Industrial Casing
- LED & Buzzer Indication
- Internal Battery backup Option



## SAVIOR ADVANCED BATTERY BACKUP (Model No.: ABB 101)

- Micro controller based Intelligent charger and backup system with inbuilt SMF Battery.
- User Friendly LCD Display for Alerts
- Overload and short circuit protection with auto-reset.
- Battery pole reversal protection.
- Battery deep discharge protection.
- Wall mountable and Table Top
- FLC (Fuzzy Logic Control) based controlled charging

# SAVIOR INDUSTRIAL MODELS

Industrial Model No	Reader Model No	Battery Backup	LED & Buzzer Indicator
MB 8403-01-W	8403-01-W	✓	✓
MX 8403-01-W	8403-01-W	✗	✓
MB 8403-01-B	8403-01-B	✓	✓
MX 8403-01-B	8403-01-B	✗	✓
MB 8403-01-G	8403-01-G	✓	✓
MX 8403-01-G	8403-01-G	✗	✓
MB 8403-01-K	8403-01-K	✓	✓
MX 8403-01-K	8403-01-K	✗	✓
MB 8404-01-W	8404-01-W	✓	✓
MX 8404-01-W	8404-01-W	✗	✓
MB 8404-01-B	8404-01-B	✓	✓
MX 8404-01-B	8404-01-B	✗	✓
MB 8404-01-G	8404-01-G	✓	✓
MX 8404-01-G	8404-01-G	✗	✓
MB 8404-01-K	8404-01-K	✓	✓
MX 8404-01-K	8404-01-K	✗	✓
MB 8405-01-W	8405-01-W	✓	✓
MX 8405-01-W	8405-01-W	✗	✓
MB 8405-01-B	8405-01-B	✓	✓
MX 8405-01-B	8405-01-B	✗	✓
MB 8405-01-G	8405-01-G	✓	✓
MX 8405-01-G	8405-01-G	✗	✓
MB 8405-01-K	8405-01-K	✓	✓
MX 8405-01-K	8405-01-K	✗	✓

Industrial Model No	Reader Model No	Battery Backup	LED & Buzzer Indicator
MB 8503-01-W	8503-01-W	✓	✓
MX 8503-01-W	8503-01-W	✗	✓
MB 8503-01-B	8503-01-B	✓	✓
MX 8503-01-B	8503-01-B	✗	✓
MB 8503-01-G	8503-01-G	✓	✓
MX 8503-01-G	8503-01-G	✗	✓
MB 8503-01-K	8503-01-K	✓	✓
MX 8503-01-K	8503-01-K	✗	✓
MB 8504-01-W	8504-01-W	✓	✓
MX 8504-01-W	8504-01-W	✗	✓
MB 8504-01-B	8504-01-B	✓	✓
MX 8504-01-B	8504-01-B	✗	✓
MB 8504-01-G	8504-01-G	✓	✓
MX 8504-01-G	8504-01-G	✗	✓
MB 8504-01-K	8504-01-K	✓	✓
MX 8504-01-K	8504-01-K	✗	✓
MB 8505-01-W	8505-01-W	✓	✓
MX 8505-01-W	8505-01-W	✗	✓
MB 8505-01-B	8505-01-B	✓	✓
MX 8505-01-B	8505-01-B	✗	✓
MB 8505-01-G	8505-01-G	✓	✓
MX 8505-01-G	8505-01-G	✗	✓
MB 8505-01-K	8505-01-K	✓	✓
MX 8505-01-K	8505-01-K	✗	✓

### Battery Backup

- Battery backup with 1 Reader + LED Buzzer Indicator - 20 hours.
- Battery type 12Volts 7.2 AH SMF
- Battery backup is based on 8xxx Series working with LED Buzzer Indicator for 2 hour of punching and also with 10% communication time.
- Battery being a consumable item, the backup time will decrease over a period of time based on aging and condition of the Battery.

### Mechanical

- Powder coated Metal sheet in Gray Colour.
- Dimensions - 362mm (Length) x 280mm (Height) x 100mm (Depth)
- Weight - 6.9Kgs

### Addition feature in Communication Software

- On Mains or Battery indication
- Battery % Left

### LED and Buzzer Indicator

- Green LED with single short beep - Acceptance of punch.
- Red LED with long beep - in case of error.
- Beep & LED time programmable from 0.5 Sec to 10 Seconds.

### Reader Specifications

- All features as per Reader Leaflet

## SAVIOR ADVANCED BATTERY BACKUP (Model - ABB101)

- Input Voltage - 90 to 290 Volts AC
- Battery type - 12 Volts 7.2 AH SMF

### Protection

- Input protection for Over current
- Input protection for Over Voltage
- Battery Reverse Polarity Protection
- Battery Over Voltage Protection
- Battery charger short circuit Protection.
- Load short Circuit Protection.
- Battery Deep discharge protection.
- Battery Backup Over temperature shut down Protection

### LCDDisplay

- Full Charge indication
- Battery voltage indication
- Low battery pre-warning with buzzer sound.
- Battery open indication

### Mechanical

- Dimensions - 270mm (Length) x 200mm (Height) x 82mm (Depth)
- Mounting Position - Wall Mounting/ Table Top
- Connectors - 3 Pin Mains Lead of 1.8 Meters Length
- Weight 4.8 Kgs

OPTION	A	B	C	D	E	F	G
SAVIOR READER	2	1	1	1	1	2	2
E/M LOCK	1	1	0	1	0	0	1
LED BUZZER	1	1	0	0	1	0	0
App. Backup Time*	6Hrs.	8Hrs.	16Hrs.	9Hrs.	16Hrs.	12Hrs.	6Hrs.

\*The backup time indicated above may vary, based on the aging and condition of the Battery. Battery being a consumable item, the backup time may decrease over a period of time.

Manufactured by:



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