

HUAWEI Backup Box-B1

Product code: AME.backup.huawei.01



The Backup Box B1 is a backup power module for three-phase Huawei M1 series inverters. The Backup Box B1 is used in rooftop PV installation systems to control the operation status of the inverter in grid-connected and islanded modes. In the event of a grid failure, the inverter switches to islanded operation mode and provides power to devices not connected to the grid in backup power mode. Once the grid failure is resolved, the inverter switches back to grid-connected mode. A surge protective device (SPD) must be installed on the utility side of the Backup Box B1 circuit.

Product variants

Index	Price
HUAWEI Backup Box-B1 AME.backup.huawei.01	Product prices only visible after login. If you do not have an account, please register.

Product description

The Backup Box B1 is a backup power module for three-phase Huawei M1 series inverters. The Backup Box B1 is used in rooftop PV installation systems to control the operation status of the inverter in grid-connected and islanded modes. In the event of a grid failure, the inverter switches to islanded operation mode and provides power to devices not connected to the grid in backup power mode. Once the grid failure is resolved, the inverter switches back to grid-connected mode. A surge protective device (SPD) must be installed on the utility side of the Backup Box B1 circuit. Features of the Backup Box B1: Automatic detection and switching Provides reliable backup power Compatible with Huawei inverters models M0, M1 Automatically detects voltage loss in the grid and switches to LUNA2000 battery Maximum apparent power 3.3kVA Technical specifications of the Backup Box B1 backup power module: AC OUTPUT (ON GRID) Connection: Three-phase Nominal voltage: 380VAC/400VAC AC frequency: 50Hz / 60Hz AC output voltage

range: 342VAC-440VAC AC OUTPUT (BACKUP) Installation - Single-phase Nominal voltage - 220VAC/230VAC Nominal frequency - 50Hz/60Hz Maximum power - 3.3kVA Maximum current - 15.2A Switching time <3s GENERAL DATA Operating temperature range -25°C ~ +45°C Relative humidity 0% RH - 100% RH Dimensions (width x height x depth) 400 x 350 x 130 mm Weight 11 kg Protection class IP65