

# Forge MDC 6K-42U

PN: DCMBBABCBY3E0DB1B

EAN 6422956014834

## MDC Specifications

Input Power	AC 230V, 50/60Hz
Available Rack Space	26U
Max space in rack	42U
Equipment installed	UPS - Summit 6KR EBM - RA2011BX PDU - Without meter PDM - 6kW with meter Cooling - Self contained AC Monitor - 10.1" LCD HMI Touch Display Sensors - Temperature, Humidity, Flood, Smoke, Door Status
Recommended IT Load	3 kW
Power usage effectiveness (PUE)	1.4
Rack Seismic Level	Certified Level 8
Alarm Status lighting system	3 colors Blue - normal status Red - critical warning status Yellow - not critical warning status
Internal maintenance light	Standard – rear mounted
Paint Color	Black (RAL9005)
Rack Panels	15 black spacers - 1U (Included)
Door system	Front Door - Single open glass door (automatic lock + mechanical key lock) Rear Door - Single open sheet metal door (automatic lock + mechanical key lock)
Space clearance front and back for door access	900 mm
Ambient temperature	0°C - 40°C
Ambient humidity	5% - 95% (no condensation)
Altitude	≤ 3000 m (contact us for usage over 1000 m)
IP rating	IP50
Floor weight support	2000 kg
Net weight	285 kg
Dimensions (W x D x H)	600 x 1200 x 2060 mm



- Easy setup
- Smart cloud with remote access and monitoring
- Fully protected against fire and flood
- Intelligent electronic lock
- IP50 rating
- Seismic Level 8 Protection
- All in one air cooling
- 10.1" interactive display to control the equipment
- Smart electronic meter (displays the current, voltage, power, etc.)

# Equipment Installed

## UPS Specifications

Model used	Summit 6KR UPCMCOP160HSMDB01B Old PN: UPOL-OL06KFG-DB01B
Max. Power Rating	6000 VA / 6000 W - P.F. 1
Efficiency (100% Load)	95% in On-Line Mode 98% in ECO Mode 92% in Battery Mode
UPS type	Online (Double Conversion - Pure sinewave)
Rated voltage	220/230/240 V
Rated frequency	50 / 60 Hz
Communication ports	USB, RS232, RJ45, Dry in, Dry out, Intelligent slot
Max number of EBM connected	4
Running time on battery (w/ 1x R2011BX EBM containing 20 x HR09122F batteries BTVACIUOCTD2FBT01B)	25% Load - 58 min 50% Load - 24 min 75% Load - 14 min 100% Load - 10 min
Installation	Rackmount - 2U
Protection Emergency Power Off Surge rating energy	Yes 445 Joules



## EBM Specifications

Model	RA2011BX UPBPRA2011BX-DB01B
Battery Type	12 V
Battery Dimensions	151 x 95 x 65 mm F2 terminals
Battery Number	20 pcs x 1 string (purchased separately)
Protection Max. Current In / Out	100A / 100A (2x fuse)
Installation	Rackmount - 3U

## Cooling and Airflow Management System Specifications

Model	AC Unit SFC SPDCAC_SFC_35DB01B
Cooling Capacity	3.5 kW / 12000 BTU
Cooling Type	self-contained DX
Self-Evaporated capacity tray	1.2 kW
Total Air Volume	600 m3/h
Refrigerant agent	R410a (Installed locally by a specialized person)
Acoustic noise	<65 db
Hot air outlet duct	Ø20 cm
Installation	Rackmount - 8U

## PDU Specifications

Installation	Vertical on the side panel
PDU outlets	20*C13 + 4*C19

## PDM Specifications

Model	PDM-6K-3U-wM SPDCPDM_6K_WMDB01B
Lighting Protection	Class C
Smart Meter Installed	Yes
Protection (breakers)	Total current 40A UPS current 32A PDU current 32A AC current 16A
Installation	Rackmount - 3U

## Monitoring System Specifications

Host Monitoring	Mounted on the glass door behind the LCD
Monitoring Interface	10.1-inch Display
Remote Monitoring	Web page/Central Monitoring Software
Sensors	Flood (x1), Temperature and Humidity (x1), Smoke (x1), Doors (x2), Video Camera (optional)

## Logistics

Carton Box Size (LxWxH)	1430 x 770 x 2240 mm
Pieces in the Carton Box	1 pcs
Net & Gross weight / CTN	N.W.: 285 kg / G.W.: 348.5 kg

## Certificates

