

# M45D65B Power Supply

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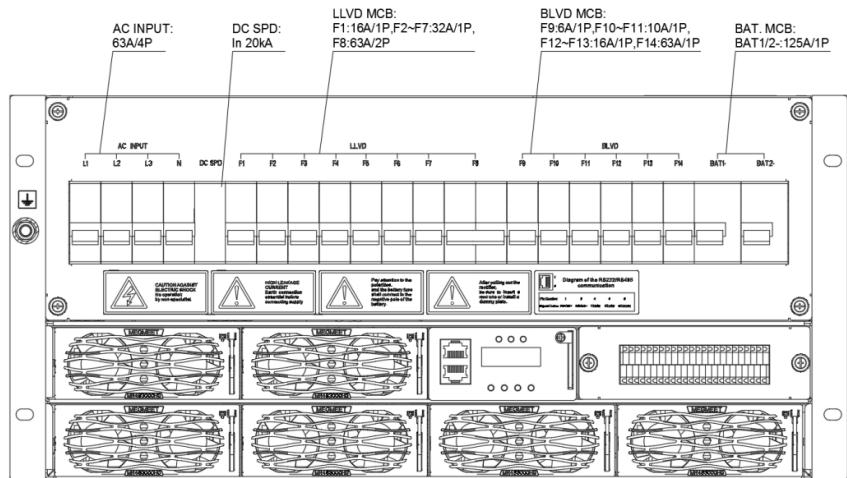
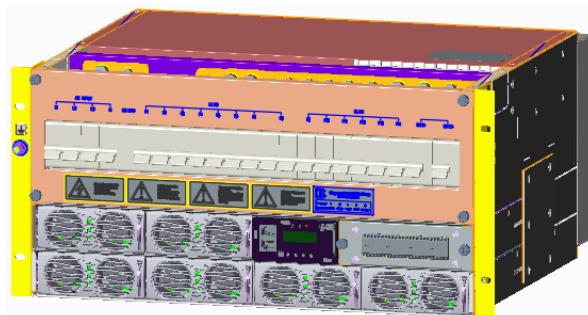
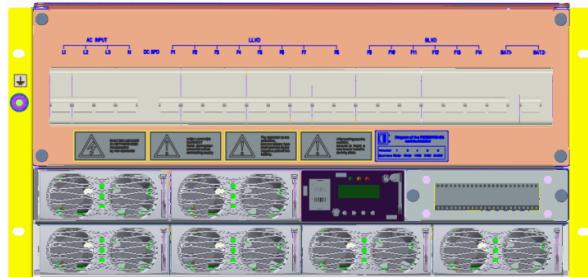


## Introduction

M45D65B sub-rack power supply, 5U height compact design to meet critical application needs of fiber and microwave transmission, access device, switch. The system maximum power is 300A, with AC/battery/load MCBs. The cables are front accessing with MCB and busbar.

## KEY FEATURES

- Standard 19-inch width which has the advantage of wide use
- 5U height compact design, space and installation cost can be saved
- Front operation and cable accessing, good-looking and safe maintenance
- Perfect battery management, prolongs the life of the battery well
- Provide various communication ports, RS232/485, internet port, dry contacts, etc. which enables flexible networking and remote monitoring
- Rectifier and controller are hot pluggable, easy and quick on-line maintenance
- Wide input voltage range(85-300Vac) the power grid is adaptable



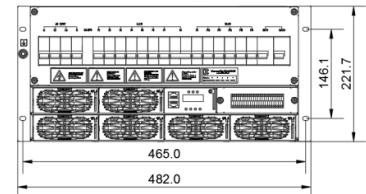
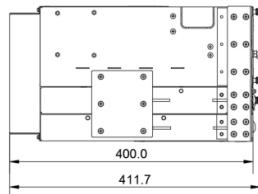
# M45D65B

## Power Supply

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### Mechanics

Mechanics	19-inch width, 5U height
Dimension(mm)	482.0(W)*400.0 (D)*221.7(H)
Weight(Kg)	≤20



### Configuration

AC input	3 phase 5 wires 63A/4P
Battery MCB	125A/1P×2
LLVD breakers	16A/1P×1+32A/1P×6+63A/2P×1
BLVD breakers	6A/1P×1+10A/1P×2+16A/1P×2+63A/1P×1

### Rectifier module

Module type	MR483000HG2
Specification	Description
AC Input	85Vac ~ 300Vac
Power Factor	0.99
Efficiency	> 96%
DC Output	-42Vdc ~ -58Vdc
Rated voltage	-48Vdc
Nominated voltage	-53.5Vdc



Rectifier module

### Controller

Controller---MC2600, LCD display, RS485	
Alarm:	protection, module fault, AC off, SPD fault, Low battery voltage
1000 alarms history	
Environment accessing:	
Door check, 4 ways temperature, humidity	
Control function:	
Modules on/off, battery disconnection	
Battery management:	
Boost/float charge, temperature compensation, battery disconnection, battery self-test, module dormancy	



Controller

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- EV power
- Electric power
- Telecom
- LED screen power

- Medical power
- Industry microwave power
- Solar power
- Flat panel display power

- Air inverter power
- Microwave oven power
- Bathroom power
- Air source heater power

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