

Power Supply Unit **M4221D**

Raycap's industrial
DC Power Supply Units



Features

- Compact 1RU height, 19" rack mounted
- Wide input voltage
- Hot-plug, replaceable rectifier and controller modules
- Intelligent battery management
- Remote monitoring & control
- 4x Load breakers
- 1x Battery breaker
- 8x Digital alarm inputs
- 2x Relay outputs
- Battery symmetry measurement



Parameters

System Configuration	
AC Input	1 phase 3 wires
Battery MCB	50A
Load MCBs	25A, 3x10A
System Input	
Input Voltage	90~290Vac
Maximum Input Current	16A
Frequency	45~65Hz
Power Factor	≥0.99
System Output	
Output Voltage	43~58Vdc
Maximum Output Current	42A
Max. System Efficiency	94%
Control Function	
Perfect battery management function, FC/EC control, low voltage disconnection, capacity test and data log 8DI/2DO and ethernet port for remote control	
Dimensions / Weight	
Enclosure Dimension (W×D×H)	482.6 x 270 x 44mm
Weight (kg)	6.08 kg
Environmental	
Operation Temp.	-10 to +55°C
Storage Temp.	-40 to +70°C
Humidity	≤95%
Standards Compliance & Certifications	
Safety	IEC60950-1
EMC	EN55022 CLASS A, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-11, IEC61000-3-2 CLASS 2
Environmental	ETSI EN 300 019-2-3

Product Diagram

