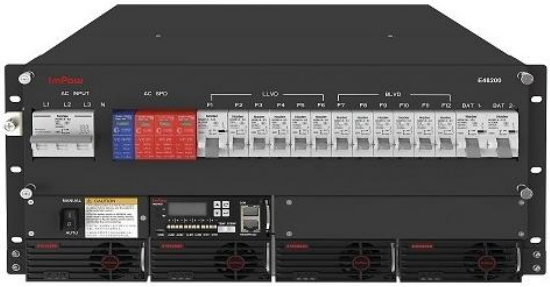
Embedded DC Power System

Eoo48200



1.Introduction:

Eoo48200 is an AC/DC embedded power system with Excellent performance such as high power efficiency, intelligent battery management,remote management, wide range of AC input voltage, etc. The system can configure 4 pieces of 1U 50A high rectifier modules, and provides 200A rated current output.Eoo48200 can

be embedded in 19-inch rack or cabinet.

2.Features:

- 1U rectifier: high density, high efficiency, excellent high temperature performance(full load @ 50℃)
- Wide operation temperature range of embedded power from -40℃ to 65℃
- Hot-swappable rectifiers provide easy installation and maintenance
- Standard installation structure design, adapt to various scenarios
- Compact design(only 5U in height), saving space and installation cost
- Excellent rectifier dormancy function helps increase system efficiency
- Intelligent battery management and protection help to prolong battery lifespan
- Support environmental signal monitoring and remote management through dry contact, serial interface or Ethernet interface(options)

3.Application Scenarios:

- Wireless base station
- Transmission network
- Communication network of enterprises

4.Specifications:

Type		E48200
System	Dimension	440mm(W)×344mm(D)×221(H)
	Weight	≤13.4kg (without rectifiers)
	Cooling mode	Natural cooling
	Installation mode	Installed on 19-inch rack or inside the cabinet
	Cabling mode	Top inlet and top outlet
	Maintenance mode	Front maintenance, support module grade change
	Protection level	IP20
AC Distribution	Input mode	220/380VAC three-phase or 220VAC single phase
	Input capacity	1×63A/3P or 1×63A/2P
	Output capacity	NA
	Input frequency	45~66Hz, rated value: 50Hz/60Hz
	SPD	20kA/40kA, 8/20μs
DC Distribution	Output voltage	-42~-58VDC, rated value: -53.5VDC
	Maximum capacity	12000W
	Battery breakers	2×125A/1P
	Load breakers	LLVD: 2×63A/1P, 4×32A/1P BLVD: 2×63A/1P ,2×32A/1P, 2×16A/1P
	SPD	10kA/20kA, 8/20μs
Rectifier	Input voltage	85VAC～300VAC, rated 220VAC
	Efficiency	PR483000H > 95%, PR483000E > 92%
	Rated power	3000W(176~300VAC)
	Working temperature	PR483000H -40℃~+85℃(full load @ 55℃), PR483000E -40℃~+80℃(full load @ 50℃),
	Dimension	106mm(W)×298mm(D)×42.5mm(H)
	Weight	≤1.6kg
	Cooling mode	Forced cooling
	Power factor	≥0.99
	THD	≤5%
Controller	Signal input	1 Battery temp., 1 ambient temp, 1 smoke, 1 gate, 2common DI
	Alarm output	4 dry contact
	Communication port	RS232/485, SNMP (options)
	Display mode	LCD
Environment	Operating temperature	-40℃~+65℃
	Storage temperature	-40℃~+70℃
	Operating humidity	5%~95%(non-condensing)
	Altitude	0~2000m