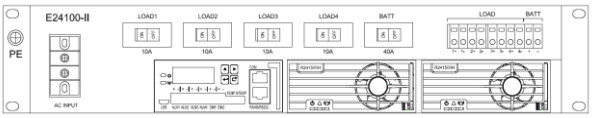
Embedded DC Power System

HA Eoo24100-II

1.Introduction:

HA Eoo24100-II 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 2 pieces of 1U 50A high rectifier modules, and provides 100A rated current output. HA Eoo24100-II can be embedded in 19-inch rack or cabinet.



2.Features:

- 1U rectifier: high density, high efficiency, excellent high temperature performance(full load @ 55℃)
- Wide operation temperature range of embedded power from -40℃ to 80℃
- Hot-swappable rectifiers provide easy installation and maintenance
- Standard installation structure design, adapt to various scenarios
- Compact design(only 2U 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		HA Eoo24100-II
System	Dimension	440mm(W)×351mm(D)×89(H)
	Weight	≤13kg
	Cooling mode	Natural cooling
	Installation mode	Installed on 19-inch rack or inside the cabinet
	Cabling mode	Front inlet and Front outlet
	Maintenance mode	Front maintenance, support module grade change
	Protection level	IP20
AC Distribution	Input mode	220VAC single phase
	Input capacity	2P terminal
	Output capacity	NA
	Input frequency	45~66Hz, rated value: 50Hz/60Hz
	SPD	20kA/40kA, 8/20μs
DC Distribution	Output voltage	21~29VDC, rated value: 27VDC
	Maximum capacity	3000W
	Battery breakers	1×40A/1P
	Load breakers	4x10 A
	SPD	NA
Rectifier	Input voltage	85VAC～290VAC, rated 220VAC
	Efficiency	R241500H > 94% Peak
	Rated power	1500W(110~290VAC)
	Working temperature	R241500H -40℃~+85℃(full load @ 55℃),
	Dimension	106mm(W)×286mm(D)×42.5mm(H)
	Weight	≤1.9kg
	Cooling mode	Forced cooling
	Power factor	≥0.99
	THD	≤5%
Controller	Signal input	1 Battery temp, 1 ambient temp, 2common DI
	Alarm output	4 dry contact
	Communication port	SNMP
	Display mode	LCD
Environment	Operating temperature	-40℃~+80℃
	Storage temperature	-40℃~+70℃
	Operating humidity	5%~95%(non-condensing)
	Altitude	0~2000m