

DC High Capacity Compact Systems

NHC48F-D / NHC48F-B / NHC48F-E

Introduction

Nian Electronic Ability in solution providing & custom designed production has caused to produce DC high capacity compact systems including SPD, AC & DC distribution panel, PMU, rectifier up to 6 KW for each slot (36 KW per cabinet) and battery cabinet with the capacity of 48V/1000Ah that it is possible to extend up to 48V/6000Ah.

Features

- High-capacity power systems in a compact footprint
- Cost-effective simple capacity expansion
- Hot-Pluggable NHR48S rectifiers
- Custom design
- Easy & fast installation
- Simple capacity expansion
- Intelligent Power Management Unit (PMU)
- Graphical LCD
- Multi master system control
- Advanced battery management
- Remote control & monitoring
- AC & DC -distribution
- Data logging

NHC48F-D Series ▶



NHC Specifications

Model	NHC48F-D-B Series						
DC Power Plant Arrangement	Power and Battery Cabinet						
Color	RAL7035						
Intelligent Power Management Unit (PMU)	Graphical LCD/Multi Language/Ethernet Access						
Rectifier	NHR48S						
More info available in page 35	Efficiency more than 94%						
	Max. Output Current 125 A / Max. Output Power 6kw						
	Power Factor more than 0.99/full load						
Max Power capacity expansion*	360kw (7500A)	288kw (6000A)	216kw (4500A)	144kw (3000A)	72kw (1500A)	54kw (1125A)	36kw (750A)
Max. Number of Rectifiers	60	48	36	24	12	9	6
Battery Branch	Available						
SPD	Available						
Load Sharing	Available						
DC Load & Battery Distribution	Available						
AC Distribution	Available						
Cabling Mode**	Bottom Top						

*It is possible to provide this system with more capacity, based on customer's request.

**Cabling Mode can be custom designed as per customer requirement.