

### Key Features

- Standard & robust 19-inch structure design
- Small volume, light weight, embedded installation, saving equipment room area and installation cost
- Fully frontal operation & convenient maintenance
- Wide range of input voltage & strong grid adaptive capacity
- Wide operating temperature range of rectifier modules & strong environment adaptive capacity
- Damage-free hot swap with high availability & easy, quick online maintenance
- Fully protected from external lightning surges
- Streamlined battery management function, effectively increases the service life of batteries
- Provide various communication interfaces including RS232 and dry contact for flexible networking & remote monitoring

### Introduction

The NetSure™ 212 C23 embedded power system is an extremely reliable and fully-digitalized communication power system with a high power density that exhibits peak performance in a compact footprint.

Based on years of experience in development and online operation, NetSure™ 212 C23's cutting-edge technology makes it tailored to meet the network requirements of mission critical applications and industries including 4G, FTTx, digital communication equipment, transmission equipment, and access equipment among others.



NetSure™ 212 C23-S1



NetSure™ 212 C23-S2

*NetSure212 C23-S1 AC input: IEC600230 C14 socket*

*NetSure212 C23-S2 AC input: 3-Pin barrier terminal block*

## NetSure™ 212 C23 system technical parameters

System distribution	Description
Power supply mode	Single-phase and three-line
Battery fuses	30A x 1
Output branch	10A x 4, 20A x 2 (Battery Protection, fuse)
Input paramters	
Input voltage range	80 -300Vac (Phase voltage)
Input frequency range	45-65Hz
Power factor	≥0.99
Output paramters	
Output voltage	-42 to -58Vdc
Output current	0 -40A (40A@48Vdc)
Rated efficiency	≥92%
Module congifuration	
Control Module	M225S
Rectifier Module	R48-1000A / R48-500A (2 as a full configuration)



R48-1000A



M225S

## Mechanical Parameters

System model	External dimensions W x D x H (mm)	Weight
NetSure™ 212 C23	482.6 x 290 x 44	≤ 10kg
R48-1000A / R48-500A	86.5 x 241.1 x 40.8	≤ 1.2kg
M225S	43 x 220 x 44	≤ 0.5kg