

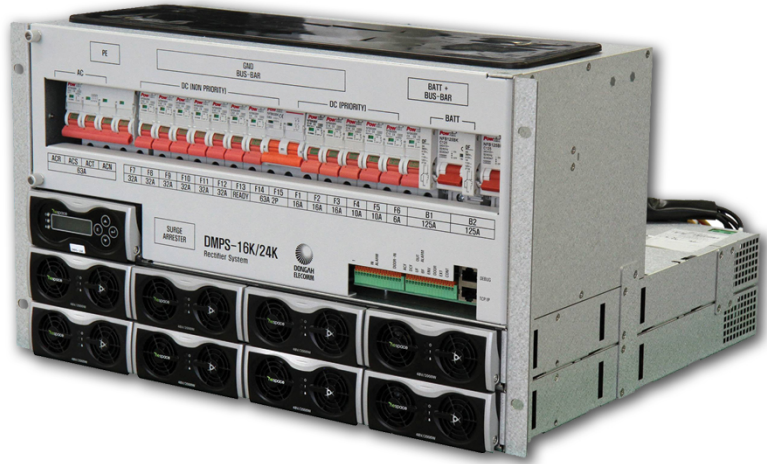
# DMPS-16K (2KW MODULE) DMPS-24K (3KW MODULE)

the  
**POWER**  
you need

Power Shelf

## Product Features:

- Hot pluggable
- N+1 redundancy
- Automatic battery charging
- Controlled, measured and reported by TCP/IP
- Modular design to accommodate high power applications
- Low voltage disconnect for battery protection (LVD, BLVD)



## Input Specifications:

VOLTAGE	1P3W 230VAC (176~296Vac) or 3P4W 380VAC (305~514Vac)
FREQUENCY	45-66Hz
PROTECTION	Under & Over voltage
EFFICIENCY	96% Typical

## Output Specifications:

VOLTAGE	Default -53.5VDC
CURRENT	296A Max (2KW 8 modules) 444A Max (3KW 8 modules)
ADJUSTMENT RANGE	-42VDC~58VDC
LINE REGULATION	±0.5% Max
LOAD REGULATION	±0.5% Max
TEMP REGULATION	±0.5% Max
NOISE	≤ 250mVp-p(2KW) ≤ 300mVp-p(3KW)
SETPOINT ACCURACY	±0.5%
OVER CURRENT	101~110%
PROTECTION	-59VDC over (recycle input to reset) Thermal Shutdown Battery Temp. Compensation

## Status & Control signal:

COMMUNICATION INTERFACE	RS232, TCP/IP, Dry Contacts Alarm
-------------------------	--------------------------------------

## General Specifications:

OPERATING TEMP	-40°C to +75°C, (Derating above +55°C) : 2KW -40°C to +75°C, (Derating above +45°C) : 3KW
STORAGE TEMP	-40°C ~ +80°C
OPERATING HUMIDITY	0% ~ 90%(Non-Condensing)
STORAGE HUMIDITY	0% ~ 95%(Non-Condensing)
COOLING	Fan cooling
ALTITUDE	0~10,000 Feet
SIZE (W×D×H)	444.8mm x 403.2mm x 264.2mm (8 Modules)

## Electromagnetic Compatibility:

EMISSIONS	EN61204/EN55022 Class A
HARMONIC CURRENT EMISSIONS	EN61000-3-2
FLUCTUATIONS & FLICKER	EN61000-3-3
ELECTROSTATIC DISCHARGE	EN61000-4-2
RADIATED EMI	EN61000-4-3
EFT/BURSTS	EN61000-4-4
SURGE TRANSIENTS	EN61000-4-5
CONDUCTED IMMUNITY	EN61000-4-6
VOLTAGE DIPS AND SHORT INTERRUPTIONS	EN61000-4-11

## Standards & Approvals:

UL/cUL	60950-1 (Rectifier Module)
--------	----------------------------



**DONGAH ELECOMM**  
www.dongahelcomm.co.kr  
www.dongahusa.com

DongAh Elecomm USA Tel : +1-972-497-9990  
1300 E Lookout Dr. #210 Fax : +1-972-497-9991  
Richardson TX 75082 sales@dongahusa.com

DongAh Elecomm Corp. Tel : +82-31-330-8805  
678-3, Jeil-ri, Yangji-myun, Yongin-si, Fax : +82-31-330-8889  
Kyunggi-do, 449-825 Korea julian@dongahusa.com