

# DRM-30007 RECTIFIER (2.1KW Rectifier Module)

the  
**POWER**  
you need

AC/DC Power Module

Rectifier Power Module  
300VDC / 7A Output

## DRM-30007 전원모듈

### Product Features:

- High-Reliability
- Modular design for accommodating high power applications and easy maintenance
- Redundant Type
- Hot swappable
- Worldwide Safety Approvals



### Input Specifications:

VOLTAGE	1Ø3W220Vac(187~253)
FREQUENCY	50/60Hz(47-63)
INRUSH	25A @ 220Vac(Max Cold Start)
CURRENT	12A @ 220Vac(Max Continuous)
PROTECTION	Double pole 25A Fuse
LEAKAGE	3.5mA Max @ 220Vac
EFFICIENCY	90% Typical
PROTECTION	Input Under voltage, Overvoltage

### General Specifications:

OPERATING TEMP	-20°C to +60°C
STORAGE TEMP	-40°C to +85°C
OPERATING HUMIDITY	10% to 90% (non-Condensing)
STORAGE HUMIDITY	5% to 95% (non-Condensing)
COOLING	Internal Thermally Controlled Fan in a module
RELIABILITY	100,000 Hrs MTBF
SIZE(W×D×H)	128 x 421.5 x 119mm

### Output Specifications:

VOLTAGE	300.0Vdc
CURRENT	7Amax
ADJUSTMENT RANGE	280VDC~310VDC
LINE REGULATION	±0.5% Max over entire input range
LOAD REGULATION	±0.5% Maximum
RIPPLE	±1.0%(10Hz~14MHz)
SETPOINT ACCURACY	±0.5%
OVER CURRENT	105~130%
OVER VOLTAGE	310Vdc(±1.0Vdc)
UNDER VOLTAGE	270Vdc(±1.0Vdc)
PROTECTION	Thermal Shutdown

### Electromagnetic Compatibility:

ELECTROSTATIC DISCHARGE	EN61000-4-2, 4KV Contact / 8KV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, 26-1000MHz, 10V/M, 80%AM
EFT/BURSTS	EN61000-4-4, 2KV
CONDUCTED IMMUNITY	EN61000-4-6, 0.15-800MHz, 10V 80%
VOLTAGE DIPS	EN61000-4-10, 95% Dip&10ms
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% reduction, 5ms
FLUCTUATIONS & FLICKER	EN61000-3-3



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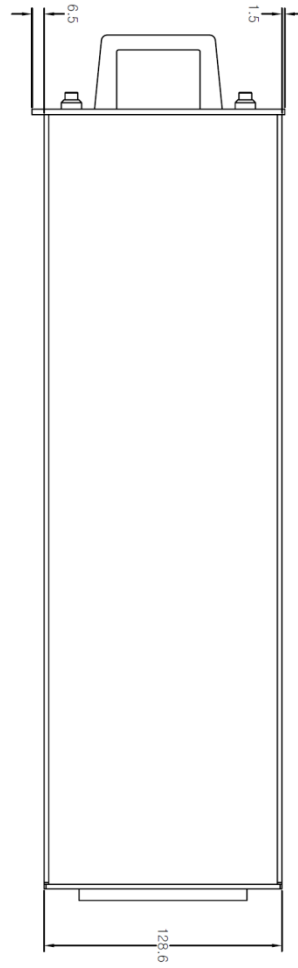
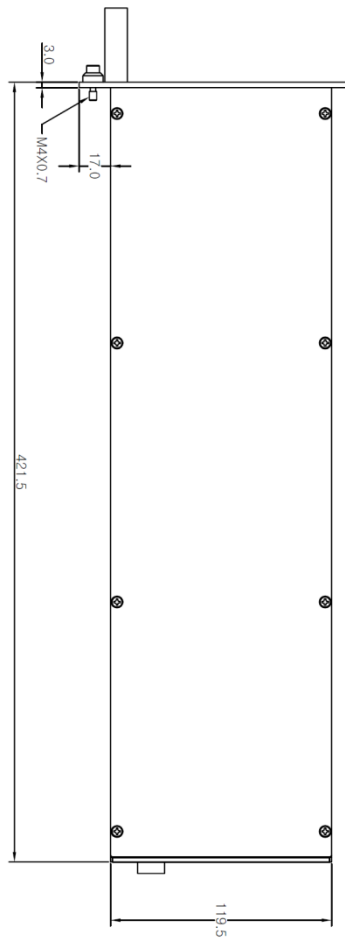
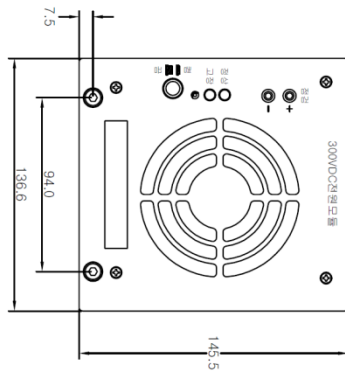
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## Dimension :



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