

# Modular UPS Series



## UPS-3350-600M Product Parameters

Model RM33-FM-	50-300S	50-300	50-350	50-400	50-500	50-600
phase	3P in 3P out					
Cabinet capacity	300KW	300KW	350KW	400KW	500KW	600KW
Battery type	External battery					
Power module capacity	50KVA/50KW					
Max. power modules	6	6	7	8	10	12
<b>Input</b>						
Rated voltage	3x 380/400/415 VAC(3Ph+N)					
Voltage range	-20% ~ +15%					
Rated frequency	50/60Hz (auto select)					
Frequency range	40Hz~70Hz					
Power factor	100%load>0.99, 50%load>0.98					
THD(THDi)	<4%@100%load					
<b>Output</b>						
Rated voltage	3x380/400/415 VAC(3PH+N)					
Voltage regulation (steady state)	≤ ± 1%typ. (balanced load) ; ≤ ± 2% typ.(unbalanced load)					
Rated frequency	50/60Hz					
Frequency range(Sync range)	46Hz ~ 54Hzor56Hz ~ 64Hz					
Overload capability	1h≤110%, 111% ~ 125%为10min, 126% ~ 150%为1min, >150%为200ms					
THD	≤ 2% THD (linear load) ; ≤ 4% THD (non-linear load)					
Efficiency	95.50%					
<b>Battery / Charging</b>						
Rated voltage	±192V~±240V (optional)					
Max. voltage	±240V(12Vx40cell)					
Min. voltage	±192V(12Vx32cell)					
Float voltage	2.28V/cel (2.25V~2.33V optional)					
Equalize voltage	2.35V/cell					
Temperature compensation	Supported					
Max. charging current (per power module)	12A (adjustable)					
<b>Physical</b>						
Cabinet dimensions (D×W×H) mm	850x600x2010	1065x 600x2010	1065x 600x2010	1065x 600x2010	1065x 1000x2010	1065x 1000x 2010
Weight(kg)	490	545	654	932	1020	1130
<b>Environment</b>						
Operating temperature	0~40°C					
Relative humidity	0~95% RH (non-condensing)					
Altitude	< 1,000 m at rated power; above 1,000 m, derate output power by 1% per 100 m					
IP rating	IP20					
<b>Management</b>						
RS-232/USB	SupportsWindows®2000/2003/XP/Vista/2008,Windows®7,LinuxandMAC					
SNMP(optional)	Power management: supports SNMP and network management.					
<b>Safety standards</b>						
Safety	IEC/EN 62040-1					
EMC	IEC/EN 62040-2 Category C3					

## Product Introduction

The RM33-FM Series adopts a modular design and N+X parallel redundancy technology. It covers a full spectrum of power ratings, including single modules, 20K (20–200 kVA system capacity), 30K (30–300 kVA system capacity) and 50K (50–600 kVA system capacity), enabling flexible configuration and phased investment for users. This UPS series effectively resolves a full range of power quality issues, including power outages, mains overvoltage, mains undervoltage, instantaneous voltage sags, damped oscillations, high-voltage pulses, voltage fluctuations, surge voltages, harmonic distortion, electrical noise interference and frequency variations.

## Application Scenarios

Government, finance, telecommunications, education, transportation, meteorology, radio and television, industry and commerce, taxation, healthcare, energy and power, as well as various other industrial sectors.

## Product Features

- | Full digital control; stable and reliable
- | Space-saving design for data rooms
- | Hot-swap modules; near-zero downtime
- | MTBF >250,000 h
- | Flexible redundancy; ≥2 spare modules up to 99.999% availability
- | Fault module isolates instantly
- | Distributed bypass with load sharing
- | Adjustable charging; auto CC/CV/float
- | Color touch LCD (CN/EN); module LCD/LED
- | Front-panel EPO

Note: Specifications are subject to change without prior notice.