

BRIC M (V) Series On-Line Modular UPS

30KVA ~ 600KVA



Specification

Power Module Model	BRIC M-30P-V	BRIC M-40P-V	BRIC M-50P-V	
Power Rating	30kVA/27kW	40kVA/40kW	50kVA/45kW	
Input	Voltage, Phase			380V / 400V / 415V, 3 Phase + N + G
	Voltage Range			304V ~478V line to line at full load
	Frequency			50Hz / 60Hz
	Power Factor			≥0.99
	THDi			<3%
Bypass	Voltage, Phase			380/400/415V, 3 Phase + N + G
	Voltage Range			-20% to 15%
	Frequency			50/60Hz
	Frequency Tolerance			±3Hz
	Voltage, Phase			380V / 400V / 415V, 3 Phase + N
Output	Voltage Tolerance			±1.0%
	Power Factor	0.9	1.0	0.9
	Frequency			50/60Hz
	Frequency Tolerance			±0.01% (free running)
	Crest Factor			3:1
	THDu			<1% for linear load; <5.5% for non-linear load
	Overload Capacity			110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute, >150% for 200ms
Battery	DC Voltage			±240Vdc (with +/- connections)
	Number of batteries			36~44pcs configurable
	Charging Power			20% of UPS Capacity
System	VFI Mode		>95%	>96%
	ECO Mode		>99%	
Interface	Display			
	7" Touch Screen (for Bric M-80,100,160,200-50P Cabinet)			
	10.4" LCD Coloured Touch Screen (for Bric M-180, 240, 300, 400, 500, 600 Cabinet)			
Parallel Features	Built-in Communication			
	RS232, RS485, USB, Dry Contact			
	Optional Communication			
SNMP				
Physical	Max. no of PM in Parallel	40	40	40
	Max. Parallel Capacity	1,200kVA	1,600kVA	2,000kVA
	Power Module Dimension (mm)	440 (W) x 590 (D) x134 (H)		
Environment	Power Module Weight	34kg	44kg	45kg
	Protection Index	IP20		
	Noise (at 1 meter)	72dB at 100% load; 62dB at 45% load		
	Operating Temperature	0~40°C		
Standards and Certifications	Operating Humidity			
	0~95% (without condensation)			
	Standards			
IEC/EN 62040-1 (Safety) and IEC/EN 62040-2 (EMC), IEC/EN 62040-3 (Performance)				
Markings				
CE				
Cabinet Model	Per Cabinet Capacity	No. of Power Modules per Cabinet	Cabinet Dimension (mm)	Cabinet Weight
BRIC M-180-30P	180kVA	Up to 6 nos. x Bric M-30P	600 (W) x 1100 (D) x 1600 (H)	165kg
BRIC M-300-30P	300kVA	Up to 10 nos. x Bric M-30P	600 (W) x 1100 (D) x 2000 (H)	220kg
BRIC M-600-30P	600kVA	Up to 20 nos. x Bric M-30P	2000 (W) x 1050 (D) x 2000 (H)	660kg
BRIC M-80-40P	80kVA	Up to 2 nos. x Bric M-40P	600 (W) x 980 (D) x 1150 (H)	115kg
BRIC M-160-40P	160kVA	Up to 4 nos. x Bric M-40P	650(W) x 960 (D) x 1600 (H)	165kg
BRIC M-240-40P	240kVA	Up to 6 nos. x Bric M-40P	650 (W) x 1095 (D) x 2000 (H)	215kg
BRIC M-400-40P	400kVA	Up to 10 nos. x Bric M-40P	1300 (W) x 1100 (D) x 2000 (H)	900kg
BRIC M-100-50P	100kVA	Up to 2 nos. x Bric M-50P	600 (W) x 980 (D) x 1150 (H)	115kg
BRIC M-200-50P	200kVA	Up to 4 nos. x Bric M-50P	650 (W) x 960 (D) x 1600 (H)	165kg
BRIC M-300-50P	300kVA	Up to 6 nos. x Bric M-50P	650 (W) x 1095 (D) x 2000 (H)	215kg
BRIC M-500-50P	500kVA	Up to 10 nos. x Bric M-50P	1300 (W) x 1100 (D) x 2000 (H)	900kg

PERFECT FOR:



Small/medium datacenter



Medical equipment

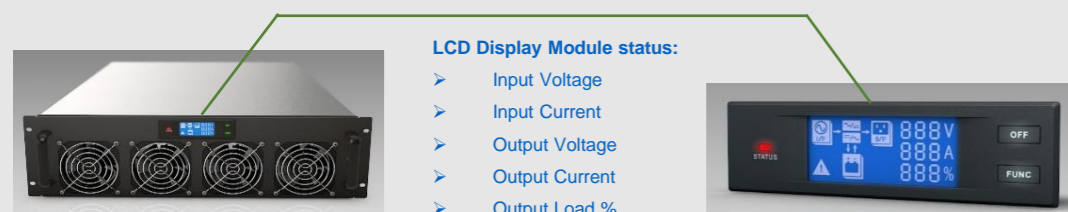


Critical loads



Industry

- ◆ Hot-Swappable Power Modules to reduce Mean Time to Repair (MTTR)
- ◆ High Power Density
- ◆ High Efficiency >96% in On-line mode
- ◆ High Input Power Factor >0.99
- ◆ Low Input Harmonic, THDi% <3%
- ◆ High Scalability supporting N+X redundancy
- ◆ Smart Sleep Mode for Energy Saving
- ◆ Advanced Operation Interface -- Colored LCD Touch Screen
- ◆ Individual LCD display on each module for 30kVA, 40kVA and 50kVA



LCD Display Module status:

- Input Voltage
- Input Current
- Output Voltage
- Output Current
- Output Load %