

BM483000H

Features

- Nominal AC input: 85Vac ~ 300Vac;
- Wide Working Temperature range: -40°C ~ +85°C;
- Active power factor correction: PF≥0.99;
- Fan speed control design;
- Output terminal with hot plug connector.

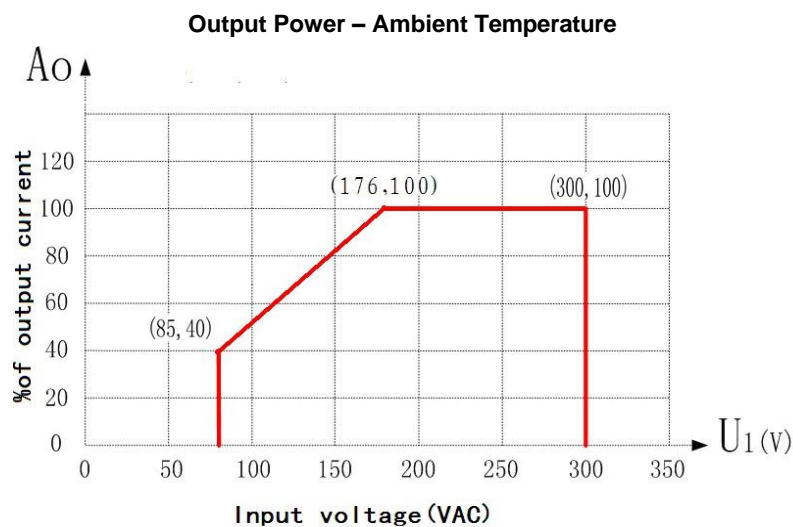
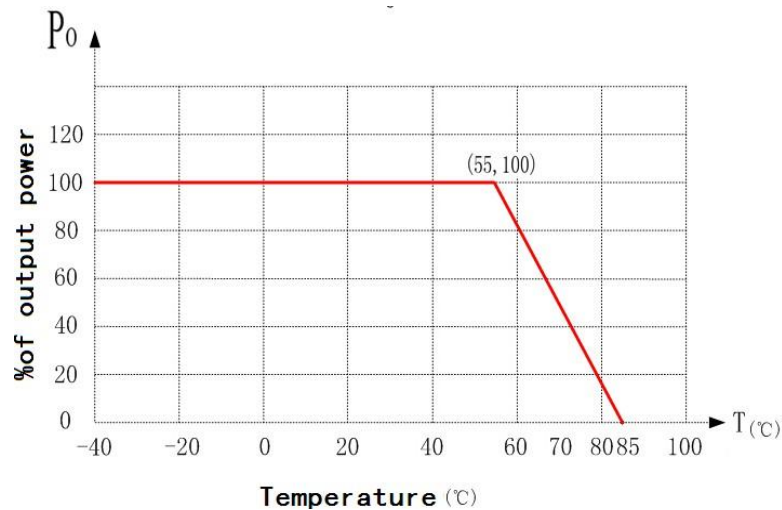


Item		Specifications
		BM483000H
Environmental requirements	Working temperature	-40°C~+85°C
	Storage temperature	-40°C~ +85°C
	Humidity RH	≤95% RH
AC input	Voltage (V)	85Vac ~ 300Vac (*)
	Current (A)	≤18A
	Frequency	45Hz ~66Hz
	Power factor	≥0.99
DC output	Efficiency	>96% Peak
	Voltage range	-42.0Vto-58.0VDC
	Rated Power	3000W
	Load regulation	≤±0.5%
	Voltage regulation factor	≤±0.1%
	Noise voltage (mV)	≤2 (Balance weight)
		≤200 (Peak-peak)
≤50 (3.4~150kHz)		
≤20 (0.15~30MHz)		
DC output	Error in load sharing	≤±5%
	Precision of voltage regulation	≤±0.6%
Protective function	Input overvoltage, under-voltage; output overvoltage, overload, short circuit; over-temperature and fan failure	
Cooling-down method	Speed air cooling	
Dimensions mm (WxDxH)	106x286x41	
Weight (kg)	1.9kg	

Indicator functional

Indicator	Normal	Anomaly	Abnormal cause
Working indicator (green LED)	On	Off	The power supply is not working
		Flashing	The control module operates the rectifier module
Alarm indicator (yellow LED)	Off	On	AC input overvoltage, under voltage, short circuit, over temperature
		Flashing	Communication interrupt
Fault indicator (red LED)	Off	On	Rectifier module fault, PFC output overvoltage
		Flashing	Rectifier module fan fault

Characteristic Curve of Rectifier Module



Output Current – Input Voltage