

Power range: 6 & 10 KVA

Capacity		6kVA/5.4kW 10kVA/9kW
Type		6kVA; 10kVA
input	Input mode	Single phase + Ground
	Power factor	≥ 0.99
	rating voltage	208/220/230/240Vac (can be set)
	rating frequency	50Hz/60Hz (auto sensing)
	Voltage range	110~286Vac
	Frequency range	40~70Hz
	Bypass voltage range	220Vac max: 10%, 15%, 20% or 25%, default : 25%
		230Vac max: 10%, 15% or 20%, default +20%
	Bypass frequency range	240Vac max: +10% or 15%, default +15%
		min: 20%, 30% or 45%, default 45%
battery	Battery number	16/18/20pcs (can be set)
	Battery type	VRLA
	Charge model	Boost charge or float charge auto switch
	Charge time	Boost charge up to 20Hr(Max)
	Charge current(A)	1A (S) /10A (H)
output	Output type	Single phase + Ground
	Output precision	$\pm 1.0\%$;
	Voltage distortion (THD)	$\leq 2\%$ at 100% liner load
		$\leq 5\%$ at 100% non-liner load
	Rating voltage	208/220/230V/240Vac
	Frequency precision	$\pm 0.1\%$
	Rating Frequency	50Hz/60Hz
	Frequency track speed	1Hz/s
	Overload (PF0.9)	105%~110%, 60min
		110%~125% 10min
		125%~150% 1min
		$\geq 150\%$ 200ms
	Overload (PF1.0)	105%~110% 10min
		110%~130% 1min
		$\geq 130\%$ 200ms
	Peak value factor	3:1
	Efficiency at normal	92%
	Dynamic respond	5.0%
		20ms
	DC heft	$\leq 500\text{mV}$

Switch time	Between Normal mode and battery mode	0ms
	Between inverter and bypass	0ms
		unlock: <15ms (50Hz), <13.33ms (60Hz)
Noise		<55dB（1m）
Display		LCD+LED
Safety		Meeting IEC62040-1 GB4943。
Max input voltage		320Vac, 1Hr
EMI		Conduction：IEC 62040-2
		Radiation：IEC 62040-2
		Harmonics：IEC 62040-2
EMS		IEC 62040-2
MTBF		250,000Hr 1+1 400,000Hr
MTTR		30min
Isolation resistance		> 2MΩ（500Vdc）
Isolation intension		2820Vdc, <3.5mA, 1min
Surge		Meeting IEC60664-1 1.2/50uS+8/20uS 6kV/3kA.
Protection		IP20

