

1.3 Specification

MODEL		6K	6KL	10K	10KL
Rate Capacity	0.9	6KVA/5.4KW		10KVA/9KW	
	1.0	6KVA/6KW		10KVA/10KW	
INPUT					
Input formats		L+N+PE			
Rated input voltage		208/220/230/240VAC			
Voltage range		110~300VAC, 110~176VAC, 276~300VAC(power limited)			
Frequency range		50/60±6Hz(Default), ±10HZ(Adjustable)			
Input power factor		≥0.99			
Input Harmonic distortion		≤5% THD(linear load), ≤8% THD(non-linear load)(PF=0.8)			
OUTPUT					
Output formats		L+N+PE			
Output voltage		208/220/230/240VAC			
Output accuracy		±1%			
Output frequency		Online mode:according to AC frequency ,Battery mode:50/60Hz±0.1%			
Output Harmonic distortion		≤2% THD(linear load), ≤5% THD(non-linear load)(PF=0.8)			
Output Power Factor		0.9/1			
Switching Time		0ms,ECO Mode to Battery Mode 2ms			
Load Capacity		AC Mode: 30min@102%~110% Load 10min@110%~130% Load 30s@130%~150% Load 500ms@>150% Load		Battery Mode: 10min@102%~110% Load 1min@110%~130% Load 10s@130%~150% Load 500ms@>150% Load	
Machine Efficiency					
AC Mode		Maximum efficiency 95.5%, Full load efficiency 95%			
Battery Mode		Maximum efficiency 95.3%, Full load efficiency 94.8%(20pcs batteries)			
Charger					
Battery Type		Lead acid battery			
Battery Quantity		The number of battery cells of the 0.9PF 6K standard machine is at least 12PCS, the number of battery cells of the 10K standard machine is at least 14PCS, and the other 16/18/20PCS are adjustable, the default is 16PCS			
Charging Current		Adjustable from 1~12A(PF=0.8,Adjustable 1~8A),Default 1A			
Charging Mode		Two/Three Period Charging			
Ambient Parameters					
Working ambient temperature		0~40°C			
Working ambient humidity		20%~95% (No Condensation)			
Storage temperature		-15~60°C(Battery:0~40°C)			
Altitude		<1000m,Derating at above 1000m,maximum 4000m,Refer to IEC62040			
Noise level		<50dB			