

## TECHNOLOGY PARAMETERS

Model	SWI-20KW		SWI-25KW	
Isolation	Low Frequency Transformer			
<b>DC Input</b>				
Input rated voltage	220V	240V	192V	220V
Input rated current	90.9A	83.3A	46.8A	41A
<b>AC Output</b>				
Rated AC output power	20KW		25KW	
AC output waveform	Pure sine wave			
Phases	Single-Phase	Three-Phase	Single-Phase	Three-Phase
Output rated voltage	220VAC $\pm$ 3%	380VAC $\pm$ 3%	220VAC $\pm$ 3%	380VAC $\pm$ 3%
Output Frequency	50Hz/60Hz $\pm$ 0.05Hz			
Output rated current	90.9A	52.6A	65.8A	
<b>Performance</b>				
Charging function	Charger external			
Power Factor(PF)	0.8			
Overload Ability	150%, 10s			
Efficiency	$\geq$ 98%			
Total voltage waveform distortion rate	<3%(Linear load)			
Crest Factor (CF)	3:1			
Display	LCD			
Electrical insulation properties	2000Vac, 1 Minute			
Ambient temperature	-15°C to+55°C			
Using environment humidity	0~90%, No condensation			
Protection	Input reverse polarity, under voltage, over voltage, output over current, short circuit, overheating etc.			
Cooling method	Convection with cooling fans			
Noise	<40dB			
Degree of protection	IP20(indoor)			
Using altitude [m]	$\leq$ 2000			
Dimension (L*D*H) [mm]	550*700*1000		650*700*1180	
Net Weight [Kg]	190		240	

