

## Specification

	JP5535 1K	JP5535 1KL	JP5535 2K	JP5535 2KL	JP5535 3K	JP5535 3KL
<b>INPUT</b>						
Cold Start	YES, default frequency=50Hz or settable					
Acceptable Input Voltage	110VAC~288VAC					
	100% load@>176VAC					
	80% load@>154VAC					
	70% load@>132VAC					
	50% load@>110VAC					
Phase	Single phase in, single phase out					
Transfer Voltage Range	(220VAC/230VAC/240VAC)					
-Line low transfer	110VAC					
-Line low recovery	121VAC					
-Line high transfer	288VAC					
-Line high recovery	281VAC					
<b>Input Current</b>						
-Rating(nominal input voltage)	4.8A		9.6A		14.4A	
Input Power Factor	≥0.97					
Input Frequency Range	40~70Hz					
<b>OUTPUT</b>						
Frequency adaptable	Settable					
<b>Power</b>						
-Power(kVA) max	1		2		3	
-Power(kW) max	0.9		1.8		2.7	
<b>Output Voltage</b>						
-Waveform(Bat. Mode)	Pure Sine Wave					
-Nominal voltage	220/230/240VAC					
-Voltage regulation	± 1 %					
-Transient response	≤5% (0% - 100% -0%)					
-Transient recovery	≤30ms (0% - 100% -0%)					
-Voltage distortion	≤ 5.5% THD, non-linear load		≤ 2% THD, linear load			
	≤ 5% THD, non-linear load					
<b>Output Frequency</b>						
-Synchronization range	±5Hz default					
-Battery mode	(50±0.1) Hz default					
<b>Transfer Time</b>						
-Line mode to battery mode	0					
<b>Efficiency</b>						
-Line mode with battery full charged	89%@100% load, 87%@50% load		91%@100% load, 88%@50% load		90%@100% load, 90%@50% load	
-ECO mode	94.0%		97.0%		97.0%	
-Battery mode	83%@100% load, 84%@50% load		87%@100% load, 88%@50% load		87%@100% load, 89%@50% load	
Noise(1m away)	<43dB@<60%load, <47dB@>60%load		<45dB@<60%load, <50dB@>60%load		<45dB@<60%load, <50dB@>60%load	
<b>Overload Capability(Inverter)</b>						
	105%~130%: Transfer to bypass after 1 mins.					
	150%: Transfer to bypass after 30s					
<b>Overload Capability(Battery Mode)</b>						
	105%~130%:shutdown after 10s					
	150%:shutdown after 5s					
	<130%: Long time					
<b>Overload Capability (Bypass Mode)</b>						
	>130%&<150%:Shutdown after 10min					
	>150%&<180%:Shutdown after 5 seconds					
Output Connection	(4) IEC C13		(4) IEC C13		(4)IEC C13	
Crest Ratio	3:1					
<b>BATTERY</b>						
Rating/Type	12VDC/7Ah		12VDC/7Ah		12VDC/7Ah	
Quantity	3		6		8	
DC Voltage	36VDC		72VDC		96VDC	
Back-up Time	6mins @80% load		6mins @80% load		5.5mins @80% load	
Battery-Low Voltage	33VAC~35VDC depending on load		66VDC~70VDC depending on load		88VDC~94VDC depending on load	
<b>Charger</b>						
-Charging voltage	float:40.5VDC/boost:41.4VDC		float:81VDC/boost:82.8VDC		float:108VDC/boost:110.4VDC	
-Charging current (max)	1A		1A		1A	
	8A		8A		8A	
-Charging time	8h recharge to 90%		8h recharge to 90%		8h recharge to 90%	
	Depend on the capacity of external batteries		Depend on the capacity of external batteries		Depend on the capacity of external batteries	
Leakage current	<1mA		<1mA		<1mA	
<b>INDICATOR &amp; ALARM</b>						
-Display	LED+LCD					
-Alarm	two short one long					
-Fault	Continuous beeping					
<b>INTERFACE</b>						
-Smart RS232	Standard Cable support Power Monitor Software					
-USB	B-type USB port					
-Intelligent slot	For relay card or SNMP card					
-SNMP card(option)	Power Management from SNMP Manager and Web Browser					
-Intelligent Kits (option)	DB9 port, dry contact card					
<b>MECHANICAL</b>						
-WxDxH (mm)	144*353*228		190*375*336		190*427*336	
-WxDxH (mm)(shipment)	240*448*320		285*470*420		285*521*420	
-Net Weight (KG)	12		21		25.6	
	6		10.5		11.5	
-Package Weight(KG)	13		22		27	
	7		12		13	
Color	Black default					

\*Products specifications are subject to change without further notice.