



# Electrical Performance

Specification	Model										
Item	YK-UIPSW 122KVA (2U)	YK-UIPSW 242KVA (2U)	YK-UIPSW 482KVA (2U)	YK-UIPSW 1102KVA (2U)	YK-UIPSW 2202KVA (2U)	YK-UIPSW 122KVAE (2U)	YK-UIPSW 242KVAE (2U)	YK-UIPSW 482KVAE (2U)	YK-UIPSW 1102KVAE (2U)	YK-UIPSW 2202KVAE (2U)	
Continuous Output Power	2000W										
Surge Rating	3Min.		2300W								
	3Sec.		2500W								
Peak	4000W										
Input Voltage	12V	24V	48V	110V	220V	12V	24V	48V	110V	220V	
<b>Frequency</b>	<b>50/60Hz ± 0.05% (Switch Selectable)</b>										
Output Voltage Adjustment	100~120VAC(Tune VR)					200~240VAC(Tune VR)					
Peak Output Current	36A					18A					
<b>Efficiency (full load)</b>	<b>86%</b>	<b>88%</b>	<b>90%</b>	<b>94%</b>	<b>94%</b>	<b>87%</b>	<b>90%</b>	<b>92%</b>	<b>94%</b>	<b>94%</b>	
No Load Current Draw	1.45A	0.7A	0.45A	0.38A	0.18A	1.47A	0.8A	0.47A	0.4A	0.2A	
<b>Output Waveform</b>	<b>R Load Pure Sine Wave &lt;3% THD</b>										
P.F.	1.0					1.0					
Input Voltage Regulation	10-16 VDC	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC	10-16 VDC	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC	
DC Input over voltage alarm	15.5VDC	31VDC	61VDC	135VDC	270VDC	15.5VDC	31VDC	61VDC	135VDC	270VDC	
DC Input over voltage shut-down	16.0VDC	32.0VDC	62.0VDC	140VDC	275VDC	16.0VDC	32.0VDC	62.0VDC	140VDC	275VDC	
DC Input under voltage alarm	10.5VDC	21.0VDC	43.0VDC	95VDC	185VDC	10.5VDC	21.0VDC	43.0VDC	95VDC	185VDC	
DC Input under voltage shut-down	10.0VDC	20.0VDC	42.0VDC	90VDC	180VDC	10.0VDC	20.0VDC	42.0VDC	90VDC	180VDC	
Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over/Under Input Voltage, Over Temperature										
Digital Display	OVP, UVP, OTP, OLP, VAC, AMP, WATT, VDC, TEMP, Hz										
Safety	EN60950-1										
EMC	FCC Class A				EN 55022: 2006 , Class A EN 61000-3-2: 2006 EN 61000-3-3: 1995+ A1:2001+A2:2005						
Interface Control Port	RS-232 With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)										
Remote Control Unit	Optional			Can' t support			Optional			Can't support	
AC Input	110V AC (90~130V)					220V AC (180~260V)					
AC Frequency	(50Hz ~ 60 Hz) ± 3%					(50Hz ~ 60 Hz) ± 3%					
Bypass	4~6ms					4~6ms					
	<b>Inverter mode or UPS mode by switch</b>										
Operating Temperature Range	-20°C to 50°C										
Storage Temperature Range	-30°C to 70°C										
Cooling	Loading & Temperature controlled cooling fan										
Dimensions	435(L) x424(W) x88(H) mm										
Weight	12.8kgs										

The specifications are subject to change without notice.