



# QUEEN STAR 10K-40KVA

High Frequency Online UPS Queen Star Series

Queen Star 10KVA - 40KVA (3ph in/ 3ph out)



## Key Features:

- High frequency online three-in and three-out UPS, the output can be connected to unbalanced load, and the input three-phase always keeps the load balanced.
- Fully digital control, more stable performance.
- Energy-saving and environmental protection, efficiency is up to 93%
- Support N+X parallel redundancy
- The most optimized tower structure design has the smallest volume compared to similar products on the market
- A single set of battery supplies power to the system, reducing the number of batteries and save cost.
- 10-20K standard machine integrated design with battery built-in, easy to install and use.
- Visualized LCD display interface, clear and intuitive display of three-phase working information.
- Intelligent mobile monitoring cards are supported to monitor UPS data in real time through mobile apps.

**Shenzhen UPSen Electronic CO., Ltd.**

[www.upsen.net](http://www.upsen.net)

## Technical Specification:

Model		330 10K	330 10K	330 20K	330 20K	330 30K	330 40K
Rated Power		10KVA/9KW		20KVA/18KW		30KVA/27KW	40KVA/36KW
Input	Phase	3 Phase 4Wires and Ground					
	Rated Voltage	380 / 400 / 415Vac					
	Voltage Range	207 ~ 475 Vac					
	Frequency Range	40 - 70Hz (Settable)					
	Power Factor	≥ 0.99					
	Current THD	≤3% (100% nonlinear load)					
Output	Phase	3 Phase 4Wires and Ground					
	Rated Voltage and Accuracy	380Vac(±1%) 3P4W+G					
	Power Factor	0.9					
	Rated Current	15A		30A		45A	61A
	Output Frequency	46-54Hz synchronize with mains power; 50Hz(Mains power between 40-60Hz and 54-60Hz); 50Hz(Battery)					
	Output Harmonic Wave	≤3% (Full R Load)					
	Current Factor	3:1					
	Output Overload	105%±5%<Load<125%±5%: Convert to bypass output and alarm after 1min; 125%±5%<Load<150%±5%: Convert to bypass output and alarm after 30s; Load>150%±5%: Convert to bypass output and alarm after 300ms.					
Efficiency		>92%				>91%	
Battery	Voltage	192VDC				±192VDC	
	Quantity	16				32	
	Charge Current(A)	5.5A	1A	7.5A	1A	5.5A	
Conversion time between Mains Power and Battery		0ms					
Protection	ShortCircuit	Hold Whole System					
	Overheat	Line Mode: Switch to Bypass; Backup Mode: Shutdown UPS immediately					
	BatteryLow	Alarm and Switch off					
	Self-diagnostics	up on Power On and Software Control					
	EPO(optional)	Shutdown UPS immediately					
	Battery	Advanced Battery Management					
	NoiseSuppression	Complies with EN62040-2					
Alarms	Audible & Visual	Line Failure, Battery Low, Overload, System Fault					
Display	Status LED& LCD	Line Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault					
	Reading On the LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature					
CommunicationInterface		RS232, EPO(Standard); Intelligent slot and SNMP Card(Optional), Relay card(Optional)					
Operating Environment	Operating Temperature	0°C - 40°C					
	Storage Temperature	-25°C - 55°C					
	Audible Noise	≤ 60 dB					
	Altitude	<1500m. When>1500m, lower the rated power for use					
	Humidity	20% - 95% non condensing					
Dimension	Machine Size - W*D*H(mm)	260*533*501	260*560*717	260*710*717		260*710*717	
	Package Size - W*D*H(mm)	350*903*631	438*708*861	350*778*864	350*778*864	350*778*864	350*778*864
	Net Weight(KG)	26	72	57.5	66	58.5	63
	Gross Weight(KG)	36	82	73	113	74	77
Safety Conformance		CE, EN / IEC62040-2, EN / IEC62040-1-1					
*Specification are subject to change without prior notice							