

SEYON POWER SYSTEMS (P) LTD

Old No: 14/2, New No: 6/2, West Canal Bank Road, Kottur, Chennai – 600 085.
Ph: 044 – 6548 5556, 2441 8680, 95 430 95 939, 95 000 63 800.



SEYON NS K Series

Technical Specifications

Input & Output Phase	Single Phase Input-Single Phase Output			Three Phase Input-Single Phase Output				
UPS Rating kVA		6 kVA	7.5 kVA	10 kVA	7.5 kVA	10 kVA	15 kVA	20 kVA
Input(Rectifier)								
Nominal AC Input Voltage	1 Phase 230 V AC + Neutral + Earth			3 Phase 380/400/415 V AC + Neutral + Earth				
Line Low / High Transfer	175 V AC - 276 V AC			304 V AC - 478 V AC				
Frequency Range	46 Hz to 54 Hz							
Power Factor	≥0.99			≥0.96				
Input Harmonic (THD-i)	<8%			<15%				
Output (Inverter)								
Voltage	220/230/240 V AC Programmable							
Voltage Regulation	+/- 1%							
Frequency (Free running)	50 Hz ± 0.05 Hz							
Frequency (Synchronised Range)	46 - 54 Hz							
Output Waveform	Pure Sinewave							
Harmonic Distortion(THD)	<2% (Linear load) / ≤ 5% (Non - Linear Load)							
Power Factor	0.7 lag							
Crest Factor	3:1							
Efficiency (AC - AC)	>90%							
Inverter Overload Capacity	105%-130% for 10 Minutes > 130% for 10 seconds							
Auto Retransfer	Available							

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Battery Type	Sealed Maintenance Free Lead Acid, Lead Acid Tubular (Battery Voltage,Ah and quantity depending on backup time)
Charger	Constant Voltage Constant Current
Communication Interface	
Standard	Rs232 port for software interface
Optional	SNMP Management / web enabled interface / AS 400 Card
Parallel Port	Communicate with other UPSs in N+1 Configuration
General	
Operating Temperature	0 Deg to 40 Deg.C
Humidity	0 - 95% RH,Non Condensing
Noise Level	<55 dB @ 1 Meter
Indication	Mains ON ,Inverter ON/OFF/Faulty,Battery Level,Static Bypass ON,Load Level,Over Temperature
Audible Alarm	Mains Failure Alarm,Low Battery Alarm,Overload and load ON Bypass
Protection	Advanced Electronic protection for device safety backed with MCBs soft start feature for rectifier and inverter, Battery current limiting protection,Built in overload protection,Output short circuit protection
Parallel Redundant Configuration-Option	Unitary / Parallel Redundant / Redundant Hot standby

*As standards, Specification and designs change from time to time, Please ask for Conformation of the information given the publication.