

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	Three Phase Input - Single Phase Output			
UPS Rating kVA	30 kVA	40 kVA	50 kVA	60 kVA
Input (Rectifier)				
Rectifier Input Voltage Range	400 V AC 3 Phase - 25 + 20%			
Frequency Range	45 - 55 Hz			
Phase	Three Phase + Neutral + Earth (5 Wires)			
Power Factor	≥ 0.95			
Output (Inverter)				
Voltage	220 / 230 V AC			
Voltage Regulation	+/- 1%			
Frequency	Automatic Synchronised tracking on utility power mode; 47-53 Hz, +/- 1% on battery mode			
Output Waveform	Sine Wave			
Harmonic Distortion (THD)	< 2% (Linear Load) / ≤ 5% (Non-Linear)			
Voltage Transient (Dynamic Response)	For 0-100% & 100-0% step load change the output shall remain within ± 5% & recovers to normal within 20 m sec			
Power Factor	0.8 lag			
Crest Factor	3:1			
Efficiency (AC - AC)	≥ 90%			
Inverter Overload Capacity	125% for 10 Minutes; 150% for 20 seconds			

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Battery Type	Sealed Maintenance Free Lead Acid,Lead Acid Tubular			
DC Voltage	360V - 384V	360V - 384V	360V - 384V	360V - 384V
Charger	Constant Voltage Constant Current Charger			
Charger (Optional)*	Intelligent MMBM Battery Management system using Multi-Model charging to enhance reliability and usage life of batteries			
Bypass	Static Bypass / Manual Maintenance Bypass			
Communication Interface				
Standard	Rs 232 port for software interface			
Optional (SNMP)	SNMP network adapter interface for network management of power supply			
Optional(Remote Control - RS 485)	Independent Digital Remote Control at a distant of 1000 mts. Supported by RS 485 for safe and convenient remote control			
General				
Operating Temperature	0 Deg. to 40 Deg.C			
Relative Humidity	0-95% RH ,Non Condensing			
Noise Level	< 60 dB @ 1 Meter			
Indication	Mains ON/Faulty/Inverter ON/Faulty/Bypass Mode/Battery Low/No Load/System Fault			
Display	LCD Display to monitor Input Voltage,Battery Voltage,Charging Current,Discharge Current,Output Voltage,Output Frequency,Load Percentage,Bypass Voltage & Frequency			
Audible Alarm	Mains Failure Alarm, Low Battery Alarm,Overload and Over temperature			
Protection	Low Battery protection,Overload protection,short circuit protection,Output over voltage protection			
Standards	EN 50091-1 for Safety / EN 50091-2 for EMC			
Parallel Function	Available			
Dimensions (in mm) and Weight (Kg)	(HxWxD)	Wt	(HxWxD)	Wt
360 V Dc	1180x400x800	240	1180x400x800	260

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