

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 Series

Technical Specification

| Capacity in VA | Single Phase Input - Single Phase Output | | |
|--------------------------------|--|------|------|
| | 1000 | 2000 | 3000 |
| Input | | | |
| Voltage Range | 170V AC - 300 V AC (Other voltages Optional) | | |
| Frequency Range | 45 to 55 Hz | | |
| Phase | 1 Phase 230 V AC + Neutral + Earth | | |
| Power Factor | 0.99 to Unity | | |
| Input Harmonics | < 5% | | |
| Output | | | |
| Voltage | 220 V AC / 230 V AC / 240V AC | | |
| Voltage Regulation | +/- 1% | | |
| Frequency | 50 HZ +/- 0.1% | | |
| Frequency (Synchronised Range) | 46-54 Hz | | |
| Harmonic Distortion(THD) | ≤ 2% (linear load), < 3% (non-linear load) | | |
| Output Waveform | Pure Sinewave | | |
| Crest Factor | 3:1 | | |
| Efficiency (AC - AC) | >90% | | |
| Power Factor | 0.8 lag | | |
| Voltage Load | 105% to 130% for 10 minutes >130% for 10 seconds | | |

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| Battery | 24V-36V | 48V-72V | 72V-96V |
|--------------------------------|---|----------------------------|----------------------------|
| Battery Type | Sealed Lead Acid Maintenance Free, Lead Acid Tubular (Battery Voltage,Ah & Quantity depending on backup time) | | |
| Charger | Built-in solid state float-cum-boost charger with automatic boost/ trickle charge modes with current limiting features | | |
| Transfer Time | 0 ms | | |
| General | | | |
| Operating Temperature | 0 to 45 Deg.C | | |
| Noise Level | <45 dB @ 1 Meter | <50 dB @ 1 Meter | <55 dB @ 1 Meter |
| Indications | Mains ON,Inverter ON / OFF / Faulty, Battery Level, Static Bypass ON,Load Level | | |
| Audible Alarm | Mains Failure Alarm, Low Battery alarm and Overload | | |
| Protection | Advanced Electronic protection for device safety backed with MCBs Fast acting fuses.High speed pulse blanking,Electronic Overvoltage / | | |
| Bypass | Static Bypass | | |
| Communication Interface | | | |
| Standard | RS 232 port for software Interface | | |
| Optional | SNMP / Web enabled Interface | | |

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