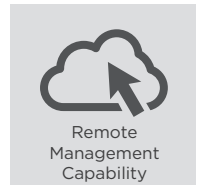
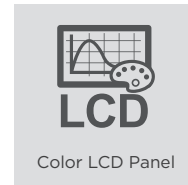
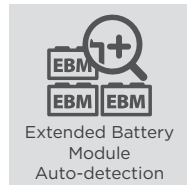
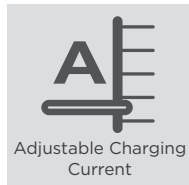
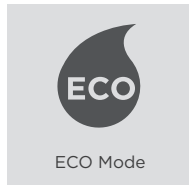
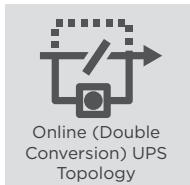


### TRUSTWORTHY ONLINE UPS TO GUARANTEE CONSISTENTLY HIGH POWER QUALITY



### The online double-conversion UPS with tiltable color LCD panel to provide intuitive power information

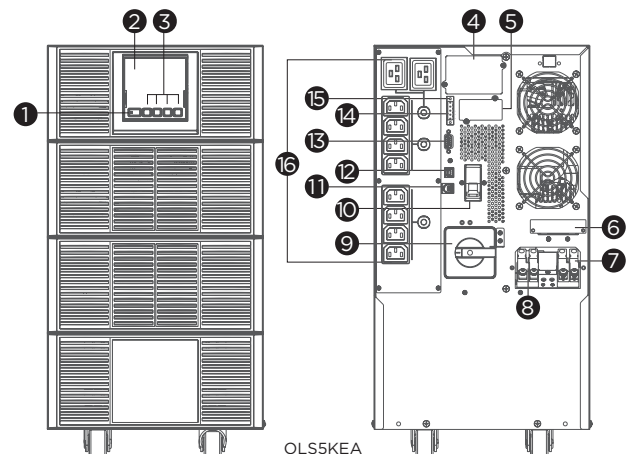
Designed for office and data center applications, the Online S (Advanced) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. Featuring an output power factor of 1 design, the products provide the maximum power available for critical devices. The tiltable color LCD panel offers an intuitive interface for users to conveniently monitor the power status and configure the settings. The auto-detection of Extended Battery Module (EBM) assists users to estimate UPS's runtime by automatically detecting the number of connected EBMs. Furthermore, the battery charging current is adjustable via LCD setting to shorten charging time. The products also provide relay-type dry contacts to support local management from specific UPS signals. The power management software allows users to perform real-time monitoring and control.

#### SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- High Output Power Factor
- Pure Sine Wave Output
- UPS Parallel Expansion (Optional)
- Overload Protection
- Maintenance Bypass Switch
- Adjustable Charging Current
- Extended Battery Module Auto-detection
- Color LCD Panel
- Tiltable LCD Panel
- Relay-type Dry Contact
- Emergency Power Off (EPO) Port
- PowerPanel Management Software
- Zero Transfer Time
- SNMP/HTTP Remote Management Capability (Optional)

#### PRODUCT CALLOUTS

1. Power On/Off Switch
2. LCD Display Panel
3. Function Button(s)
4. Parallel Port (Optional)
5. SNMP/HTTP Network Slot
6. Extended Battery Module Connector
7. Output Terminal Block
8. Input Terminal Block
9. Maintenance Bypass Switch
10. Input Circuit Breaker
11. Extended Battery Module Detection Connector
12. USB Port
13. Serial Port
14. Relay-type Dry Contact
15. EPO Port
16. Battery Backup & Surge Protected Outlets





TECHNICAL SPECIFICATIONS

|                                                  |                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Model Name                                       | OLS5KEA                                                                                             |
| General                                          |                                                                                                     |
| UPS Topology                                     | Online Double Conversion                                                                            |
| Energy Saving Technology                         | ECO Mode Efficiency > 98%                                                                           |
| Active PFC Compatibility                         | Yes                                                                                                 |
| Parallel Expansion (Max. Units)                  | 4 (Optional)                                                                                        |
| Input                                            |                                                                                                     |
| Generator Compatibility                          | Yes                                                                                                 |
| Nominal Input Voltage (Vac)                      | 230                                                                                                 |
| Input Voltage Range (Vac)                        | 110 - 300                                                                                           |
| Input Frequency (Hz)                             | 50 ± 10, 60 ± 10                                                                                    |
| Input Frequency Detection                        | Auto-sensing                                                                                        |
| Rated Input Current (A)                          | 25                                                                                                  |
| Input Power Factor                               | 0.99                                                                                                |
| Input Connector Type                             | Hardwire Terminal Block                                                                             |
| Output                                           |                                                                                                     |
| Capacity (VA)                                    | 5000                                                                                                |
| Capacity (Watts)                                 | 4800                                                                                                |
| On Battery Waveform                              | Pure Sine Wave                                                                                      |
| On Battery Voltage(s) (Vac)                      | 200 ± 1%, 208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1%                                                    |
| Output Voltage Setting                           | Configurable                                                                                        |
| On Battery Frequency (Hz)                        | 50 ± 0.5%, 60 ± 0.5%                                                                                |
| Output Frequency Setting                         | Configurable                                                                                        |
| Power Factor                                     | 0.96                                                                                                |
| Overload Protection                              | Internal Current Limiting, Circuit Breaker, Fuse                                                    |
| Overload Protection (Line Mode)                  | 105-130% Load for 10 sec, >130% Load for 1.5 sec                                                    |
| Overload Protection (Battery Mode)               | 105-130% Load for 10 sec, >130% Load for 1.5 sec                                                    |
| Overload Protection (Bypass Mode)                | 110-120% Load for 30 min, 120-130% Load for 2 min, 130-150% Load for 15 sec, >150% Load Immediately |
| Harmonic Distortion (Linear Load)                | THD<1.5%                                                                                            |
| Harmonic Distortion (Non-linear Load)            | THD<2%                                                                                              |
| Outlet(s) - Total                                | 11                                                                                                  |
| Outlet Type                                      | Hardwire Terminal Block x 1, IEC C13 x 8, IEC C19 x 2                                               |
| Typical Transfer Time (ms)                       | 0                                                                                                   |
| Battery                                          |                                                                                                     |
| Runtime at Half Load (min)                       | 12.4                                                                                                |
| Runtime at Full Load (min)                       | 4.1                                                                                                 |
| Typical Recharge Time (Hours)                    | 4                                                                                                   |
| Adjustable Charging Current (A)                  | 1 - 4                                                                                               |
| Smart Battery Management (SBM)                   | Yes                                                                                                 |
| Battery Type                                     | Sealed Lead-acid                                                                                    |
| Compatible Extended Battery Module (EBM)         | BPS192V7A                                                                                           |
| Max. EBM Quantity (pcs)                          | 10                                                                                                  |
| Surge Protection & Filtering                     |                                                                                                     |
| Surge Suppression (Joules)                       | 1335                                                                                                |
| EMI/RFI Filtration                               | Yes                                                                                                 |
| Management & Communications                      |                                                                                                     |
| LCD Panel                                        | Yes                                                                                                 |
| LCD Types                                        | Color LCD                                                                                           |
| HID Compliant USB Port(s)                        | 1                                                                                                   |
| Serial Port                                      | RS232                                                                                               |
| Dry Contact (with Relay)                         | Yes                                                                                                 |
| Emergency Power Off (EPO) Port                   | Yes                                                                                                 |
| Power Management Software                        | PowerPanel Business (Recommended)                                                                   |
| SNMP/HTTP Remote Monitoring                      | Yes - with optional RMCARD205                                                                       |
| PowerPanel Cloud Service                         | Yes - 90 Days Free Trial with PowerPanel Personal/Business                                          |
| Physical                                         |                                                                                                     |
| Form Factor                                      | Tower                                                                                               |
| Physical Size - UPS Module                       |                                                                                                     |
| Dimensions (WxHxD) (mm.)                         | 270 x 520 x 460                                                                                     |
| Weight (kg.)                                     | 57                                                                                                  |
| Environmental                                    |                                                                                                     |
| Operating Temperature (°C)                       | 0 - 40                                                                                              |
| Operating Relative Humidity (Non-condensing) (%) | 0 - 95                                                                                              |
| Certifications                                   |                                                                                                     |
| Certifications*                                  | CE                                                                                                  |
| RoHS                                             | Yes                                                                                                 |

\*Certifications may vary according to different regions. Visit [www.cyberpower.com](http://www.cyberpower.com) for more information.  
#All specifications are subject to change without notice.