

## CyberPower - OL10KRTHD : OL10KRTHD

Specifications	
ENERGY STAR Unique ID:	2402423
Brand Name:	CyberPower
Model Name:	OL10KRTHD
Model Number:	OL10KRTHD
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	OL12KRTHD
Active Output Power Rating Minimum Configuration (W):	10000
Apparent Output Power Rating Minimum Configuration (VA):	12000
Topology (ac):	Double Conversion
Topology and Product Type Combined:	ac - Double Conversion (VFI)
Application:	Data Center,Consumer,Commercial
Rated Input Voltage (V rms):	200-240
Rated Input Frequency (Hz):	50-60
Rated Output Voltage (V):	200-240
Rated Output Frequency (Hz):	50-60
Rack Mountable:	Yes
Height (mm):	173
Width (mm):	433
Depth (mm):	720
Total Number of Outlets:	0
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Independent, Voltage and Frequency Dependent
Modular UPS:	No
Number of Normal Modes:	Multiple-normal-mode
Default Normal Mode (ac):	Voltage and Frequency Independent
Test Input Voltage (V rms):	240
Test Input Frequency (Hz):	60
Test Output Voltage (V):	240
Test Output Frequency (Hz):	60
Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):	87.66

Total Input Power in W at 0% Load Min Config Highest Dependency (ac):  Efficiency at 25% Load Min Config Lowest Dependency (ac):  Efficiency at 25% Load Min Config Highest Dependency (ac):  Efficiency at 50% Load Min Config Highest Dependency (ac):  Efficiency at 50% Load Min Config Lowest Dependency (ac):  Efficiency at 50% Load Min Config Highest Dependency (ac):  Efficiency at 75% Load Min Config Lowest Dependency (ac):  Efficiency at 75% Load Min Config Lowest Dependency (ac):  Efficiency at 75% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Highest Dependency (ac):  Weighted Efficiency Calc Min Config Highest Dependency:  Weighted Efficiency Calc Min Config Highest Dependency:  Weighted Efficiency Calc Min Config Highest Dependency:  Minimum Configuration Input Power Factor Highest Input Dependency:  Battery Dependency:  Efficiency X100% Load Model Number:  NA  Energy Storage Mechanism:  Battery  Energy Storage System Configuration:  Energy Storage System Configuration:  Energy Storage System Removable to Another Room:  Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Runtime a		
Dependency (ac):         96.0           Efficiency at 25% Load Min Config Highest Dependency (ac):         96.0           Efficiency at 50% Load Min Config Lowest Dependency (ac):         97.8           Efficiency at 55% Load Min Config Lowest Dependency (ac):         94.6           Efficiency at 75% Load Min Config Lowest Dependency (ac):         98.2           Efficiency at 100% Load Min Config Lowest Dependency (ac):         98.4           Efficiency at 100% Load Min Config Highest Dependency (ac):         98.4           Efficiency at 100% Load Min Config Highest Dependency (ac):         98.4           Efficiency at 100% Load Min Config Highest Dependency (ac):         98.4           Weighted Efficiency Calc Min Config Highest Dependency:         98.2           Efficiency (%):         94.6           Modular UPS Module Tested Model Number:         N/A           Energy Storage System Removable to Another		79.09
Dependency (ac):         94.8           Efficiency at 50% Load Min Config Lowest Dependency (ac):         97.8           Efficiency at 50% Load Min Config Highest Dependency (ac):         94.6           Efficiency at 75% Load Min Config Lowest Dependency (ac):         98.2           Efficiency at 75% Load Min Config Highest Dependency (ac):         98.2           Efficiency at 100% Load Min Config Lowest Dependency (ac):         94.4           Efficiency at 100% Load Min Config Lowest Dependency (ac):         98.2           Weighted Efficiency Calc Min Config Lowest Dependency (ac):         98.2           Weighted Efficiency Calc Min Config Lowest Dependency:         98.2           Befficiency Calc Min Config Lowest Dependency:         98.2           Efficien		93.5
Dependency (ac):         Ffficiency at 50% Load Min Config Highest Dependency (ac):         97.8           Efficiency at 75% Load Min Config Lowest Dependency (ac):         94.6           Efficiency at 75% Load Min Config Lowest Dependency (ac):         98.2           Efficiency at 100% Load Min Config Highest Dependency (ac):         94.4           Efficiency at 100% Load Min Config Lowest Dependency (ac):         98.4           Bridgingth Efficiency Calc Min Config Lowest Dependency (ac):         94.6           Weighted Efficiency Calc Min Config Lowest Dependency:         98.2           Weighted Efficiency Calc Min Config Highest Dependency:         98.2           Weighted Efficiency Calc Min Config Highest Dependency:         98.2           Weighted Efficiency Calc Min Config Lowest Dependency:         98.2           Efficiency Calc Min Config Lowest Dependency:         98.2           Weighted Efficiency Calc Min Config Lowest Dependency:         98.2           Efficiency Storage System Efficiency (ac):         98.2           Energy Storage System Removable to Another Room:	•	96.0
Dependency (ac):  Efficiency at 75% Load Min Config Lowest Dependency (ac):  Efficiency at 75% Load Min Config Highest Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Weighted Efficiency Calc Min Config Lowest Dependency:  Weighted Efficiency Calc Min Config Highest Dependency:  ### Weighted Efficiency Calc Min Config Lowest Dependency:  ###	•	94.8
Dependency (ac):  Efficiency at 75% Load Min Config Highest Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Highest Dependency (ac):  Weighted Efficiency Calc Min Config Highest Dependency (ac):  Weighted Efficiency Calc Min Config Highest Dependency:  Minimum Configuration Input Power Factor Highest-Input Dependency:  Modular UPS Module Tested Model Number:  Battery  Energy Storage Mechanism:  Energy Storage System Technology:  Energy Storage System Configuration:  Integral  Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Warranty (yrs):  Energy Storage System Warranty (yrs):  Energy Storage System Information URL:  N/A  Network Connections Available:  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Model Web Page URL:  N/A  Date Available on Market:  2022-08-01  Date Certified:  Markets:  United States, Canada		97.8
Dependency (ac):  Efficiency at 100% Load Min Config Lowest Dependency (ac):  Efficiency at 100% Load Min Config Highest Dependency (ac):  Weighted Efficiency Calc Min Config Lowest Dependency:  Weighted Efficiency Calc Min Config Highest Dependency:  Weighted Efficiency (%):  Minimum Configuration Input Power Factor Highest-Input Dependency:  Bettery Storage Mechanism:  Battery  Energy Storage Mechanism:  Energy Storage System Technology:  Energy Storage System Technology:  Energy Storage System Removable to Another Room:  Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Warranty (yrs):  Energy Storage System Warranty (yrs):  Energy Storage System Information URL:  N/A  Network Connections Available:  Serial Port,Other,USB Port  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-09-06  Markets:  United States, Canada		94.6
Dependency (ac):  Efficiency at 100% Load Min Config Highest Dependency (ac):  Weighted Efficiency Calc Min Config Lowest Dependency:  Weighted Efficiency Calc Min Config Highest Dependency:  Weighted Efficiency Calc Min Config Highest Dependency:  Weighted Efficiency Calc Min Config Highest Dependency:  Weighted Efficiency (%):  Minimum Configuration Input Power Factor Highest-Input Dependency:  Efficiency (%):  Modular UPS Module Tested Model Number:  Energy Storage Mechanism:  Battery  Energy Storage System Technology:  Energy Storage System Configuration:  Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Marranty (yrs):  3  Energy Storage System Information URL:  N/A  Network Connections Available:  Serial Port,Other,USB Port  Communication Protocols:  HTTP:HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  United States, Canada		98.2
Dependency (ac):  Weighted Efficiency Calc Min Config Lowest Dependency:  Weighted Efficiency Calc Min Config Highest Dependency:  Minimum Configuration Input Power Factor Highest-Input Dependency:  Efficiency (%):  Modular UPS Module Tested Model Number: Energy Storage Mechanism: Energy Storage System Technology: Energy Storage System Technology: Integral  Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Marranty (yrs): Energy Storage System Information URL: N/A  Network Connections Available:  Serial Port,Other,USB Port  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Ves  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  United States, Canada		94.4
Dependency: Weighted Efficiency Calc Min Config Highest Dependency:  Period Proposition Input Power Factor Highest-Input Dependency:  Efficiency (%):  Modular UPS Module Tested Model Number: Energy Storage Mechanism: Energy Storage System Technology: Energy Storage System Technology: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Warranty (yrs): Energy Storage System Information URL: N/A Network Connections Available: Communication Protocols: HTTP,HTTPS,SNMP (v1, 2 or 3) Manufacturer Take Back Program: Model Web Page URL: http://www.cyberpowersystems.com/ Test Method Guidelines: N/A Date Available on Market:  2022-09-06 Markets: United States, Canada		98.4
Dependency:  Minimum Configuration Input Power Factor Highest-Input Dependency:  Efficiency (%):  Modular UPS Module Tested Model Number:  Energy Storage Mechanism:  Energy Storage System Technology:  Energy Storage System Technology:  Energy Storage System Configuration:  Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Warranty (yrs):  Energy Storage System Warranty (yrs):  Energy Storage System Warranty (yrs):  Energy Storage System Information URL:  N/A  Network Connections Available:  Communication Protocols:  HTTP.HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  Markets:  United States, Canada		94.6
Highest-Input Dependency:  Efficiency (%):  Modular UPS Module Tested Model Number:  Energy Storage Mechanism:  Energy Storage System Technology:  Energy Storage System Technology:  Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Information URL:  N/A  Network Connections Available:  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Model Web Page URL:  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  Markets:  United States, Canada		98.2
Modular UPS Module Tested Model Number:  Energy Storage Mechanism:  Energy Storage System Technology:  Energy Storage System Technology:  Energy Storage System Configuration:  Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Warranty (yrs):  Energy Storage System Warranty (yrs):  Energy Storage System Information URL:  N/A  Network Connections Available:  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Yes  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  United States, Canada		0.9
Energy Storage System Technology: Energy Storage System Configuration: Energy Storage System Removable to Another Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Information URL: N/A Network Connections Available: Serial Port,Other,USB Port Communication Protocols: HTTP,HTTPS,SNMP (v1, 2 or 3) Manufacturer Take Back Program: Yes Model Web Page URL: http://www.cyberpowersystems.com/ Test Method Guidelines: N/A Date Available on Market: 2022-08-01 Date Certified: United States, Canada	Efficiency (%):	94.6
Energy Storage System Configuration:  Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Warranty (yrs):  Energy Storage System Warranty (yrs):  Energy Storage System Information URL:  N/A  Network Connections Available:  Serial Port,Other,USB Port  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Yes  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  Markets:  United States, Canada	Modular UPS Module Tested Model Number:	N/A
Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Warranty (yrs):  Energy Storage System Information URL:  N/A  Network Connections Available:  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  United States, Canada	Energy Storage Mechanism:	Battery
Energy Storage System Removable to Another Room:  Energy Storage System Runtime at 100% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Runtime at 50% Load (min.):  Energy Storage System Warranty (yrs):  Energy Storage System Information URL:  N/A  Network Connections Available:  Serial Port,Other,USB Port  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Yes  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  United States, Canada	Energy Storage System Technology:	Valve Regulated Lead-acid Battery
Room: Energy Storage System Runtime at 100% Load (min.): Energy Storage System Runtime at 50% Load (min.): Energy Storage System Warranty (yrs): Energy Storage System Warranty (yrs): Energy Storage System Information URL: N/A Network Connections Available: Serial Port,Other,USB Port Communication Protocols: HTTP,HTTPS,SNMP (v1, 2 or 3) Manufacturer Take Back Program: Yes Model Web Page URL: http://www.cyberpowersystems.com/ Test Method Guidelines: N/A Date Available on Market: 2022-08-01 Date Certified: United States, Canada	<b>Energy Storage System Configuration:</b>	Integral
(min.):   Energy Storage System Runtime at 50% Load (min.): 7   Energy Storage System Warranty (yrs): 3   Energy Storage System Information URL: N/A   Network Connections Available: Serial Port,Other,USB Port   Communication Protocols: HTTP,HTTPS,SNMP (v1, 2 or 3)   Manufacturer Take Back Program: Yes   Model Web Page URL: http://www.cyberpowersystems.com/   Test Method Guidelines: N/A   Date Available on Market: 2022-08-01   Date Certified: 2022-09-06   Markets: United States, Canada		No
(min.):  Energy Storage System Warranty (yrs):  Energy Storage System Information URL:  N/A  Network Connections Available:  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Yes  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  2022-09-06  Markets:  United States, Canada		2
Energy Storage System Information URL:  N/A  Network Connections Available:  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Yes  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  2022-09-06  Markets:  United States, Canada		7
Network Connections Available:  Communication Protocols:  HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program:  Model Web Page URL:  http://www.cyberpowersystems.com/  Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  United States, Canada	Energy Storage System Warranty (yrs):	3
Communication Protocols: HTTP,HTTPS,SNMP (v1, 2 or 3)  Manufacturer Take Back Program: Yes  Model Web Page URL: http://www.cyberpowersystems.com/  Test Method Guidelines: N/A  Date Available on Market: 2022-08-01  Date Certified: 2022-09-06  Markets: United States, Canada	Energy Storage System Information URL:	N/A
Manufacturer Take Back Program:YesModel Web Page URL:http://www.cyberpowersystems.com/Test Method Guidelines:N/ADate Available on Market:2022-08-01Date Certified:2022-09-06Markets:United States, Canada	Network Connections Available:	Serial Port,Other,USB Port
Model Web Page URL: http://www.cyberpowersystems.com/  Test Method Guidelines: N/A  Date Available on Market: 2022-08-01  Date Certified: 2022-09-06  Markets: United States, Canada	Communication Protocols:	HTTP,HTTPS,SNMP (v1, 2 or 3)
Test Method Guidelines:  N/A  Date Available on Market:  2022-08-01  Date Certified:  2022-09-06  Markets:  United States, Canada	Manufacturer Take Back Program:	Yes
Date Available on Market:2022-08-01Date Certified:2022-09-06Markets:United States, Canada	Model Web Page URL:	http://www.cyberpowersystems.com/
Date Certified: 2022-09-06  Markets: United States, Canada	Test Method Guidelines:	N/A
Markets: United States, Canada	Date Available on Market:	2022-08-01
	Date Certified:	2022-09-06
ENERGY STAR Certified: Yes	Markets:	United States, Canada
	ENERGY STAR Certified:	Yes

## **Additional Model Information**

OL10KRTHDHW,OL10KRTHDHW; OL10KRTHDHWTAA,OL10KRTHDHWTAA,; OL10KRTHDHWTW,OL10KRTHDHWTW,; OL10KRTHDIEC,OL10KRTHDIEC,; OL10KRTHDIECTAA,OL10KRTHDIECTAA,; OL10KRTHDIECTW,OL10KRTHDSHW,OL10KRTHDSHW, OL10KRTHDSHWTAA,OL10KRTHDSHWTAA,; OL10KRTHDSIEC,OL10KRTHDSIEC,; OL10KRTHDSIECTAA,OL10KRTHDSIECTAA,; OL10KRTHDTAA,OL10KRTHDTAA,; OL10KRTHDTAA,; OL10KRTHDTAA,; OL10KRTHDTAA,; OL10KRTHDTW,

**UPC Codes** 649532934171

**Captured On:** 05/01/2025