



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

CyberPower - OL6KRTHDL (with permanently connected) : OL6KRTHDL

Specifications

ENERGY STAR Unique ID:	2674897
Brand Name:	CyberPower
Model Name:	OL6KRTHDL (with permanently connected)
Model Number:	OL6KRTHDL
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	OL5KRTHD (with permanently connected)
Active Output Power Rating Minimum Configuration (W):	5000
Apparent Output Power Rating Minimum Configuration (VA):	5000
Maximum Configuration Tested Model Number:	OL6KRTHD (with permanently connected)
Active Output Power Rating Maximum Configuration (W):	6000
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):	130
Width (mm):	433
Depth (mm):	720
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):	79.67
Total Input Power in W at 0% Load Min Config Highest Dependency (ac):	68.36
Efficiency at 25% Load Min Config Lowest Dependency (ac):	91.0
Efficiency at 25% Load Min Config Highest Dependency (ac):	94.4
Efficiency at 50% Load Min Config Lowest Dependency (ac):	93.6
Efficiency at 50% Load Min Config Highest Dependency (ac):	97.0
Efficiency at 75% Load Min Config Lowest Dependency (ac):	94.1
Efficiency at 75% Load Min Config Highest Dependency (ac):	97.6
Efficiency at 100% Load Min Config Lowest Dependency (ac):	94.2
Efficiency at 100% Load Min Config Highest Dependency (ac):	97.9
Weighted Efficiency Calc Min Config Lowest Dependency:	94.0
Weighted Efficiency Calc Min Config Highest Dependency:	97.5
Total Input Power in W at 0% Load Max Config Lowest Dependency (ac):	80.0
Total Input Power in W at 0% Load Max Config Highest Dependency (ac):	69.8
Efficiency at 25% Load Max Config Lowest Dependency (ac):	92.2
Efficiency at 25% Load Max Config Highest Dependency (ac):	95.1
Efficiency at 50% Load Max Config Lowest Dependency (ac):	94.0
Efficiency at 50% Load Max Config Highest Dependency (ac):	97.0
Efficiency at 75% Load Max Config Lowest Dependency (ac):	94.2
Efficiency at 75% Load Max Config Highest Dependency (ac):	97.6
Efficiency at 100% Load Max Config Lowest Dependency (ac):	94.0
Efficiency at 100% Load Max Config Highest Dependency (ac):	97.8
Weighted Efficiency Calc Max Config Lowest Dependency:	94.1
Weighted Efficiency Calc Max Config Highest Dependency:	97.5
Efficiency (%):	94

Modular UPS Module Tested Model Number:	N/A
Energy Storage Mechanism:	Battery
Energy Storage System Technology:	Valve Regulated Lead-acid Battery
Energy Storage System Configuration:	Integral
Energy Storage System Removable to Another Room:	No
Energy Storage System Runtime at 100% Load (min.):	2
Energy Storage System Runtime at 50% Load (min.):	5
Energy Storage System Warranty (yrs):	3
Energy Storage System Information URL:	http://www.cyberpowersystems.com/
Network Connections Available:	Serial Port,Ethernet,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:	http://www.cyberpowersystems.com/
Date Available on Market:	2023-10-31
Date Certified:	2023-10-02
Markets:	United States
ENERGY STAR Certified:	Yes

Additional Model Information

OL5KRTHDL (with permanently connected),OL5KRTHDL;; OL5KRTHDLS (with permanently connected),OL5KRTHDLS;; OL5KRTHDLSTAA (with permanently connected),OL5KRTHDLSTAA;; OL5KRTHDLTAA (with permanently connected),OL5KRTHDLTAA;; OL6KRTHDLS (with permanently connected),OL6KRTHDLS;; OL6KRTHDLSTAA (with permanently connected),OL6KRTHDLSTAA;; OL6KRTHDLTAA (with permanently connected),OL6KRTHDLTAA,

UPC Codes	649532936199, 649532936205
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06/09/2025