



AverCharge X18iS

18 Device Intelligent Charging Cart with UV Sanitization

Selectable UV Sanitization

The SGS tested light kills 99.99% of germs with selectable cleaning duration options. Auto and manual modes can be selected to either automatically sanitize when the doors are closed, or manually starting the process with the press of a button. UV sanitization will not begin if doors are open, and if already in process, will turn off if doors are opened.



Adaptive Intelligent Charging

Quickly charge laptops, Chromebooks or Tablets equally, without overcharging or undercharging to ensure maximum device battery life.

Configure to fit your specific classroom needs

With removable and adjustable slot dividers, the X18iS can be change on the fly to accommodate up to 18 devices up to 15" or to make room to sanitize other classroom technology such as headphones, STEM Kits, and more.



Individual AC Adaptor Compartments

Keep devices and cabling clean and organized with individual AC adaptor compartments, as well as additional AC outlets to power document cameras, projectors, or other classroom technology.



Specifications

Device Capacity	18 (3 shelves, 6 bays per shelf)	Storage Temperature	-40°C~60°C
Cart Dimensions (W x D x H)	687 x 638 x 1070mm (27.05" x 25.12" x 42.13")	Weight without Devices	66.3kg (146.17lbs.) ± 2kg (4.41lbs)
Slot Dimensions (W x D x H)	75 x 400 x 267mm (2.95" x 15.75" x 10.51")	Casters	Four 5" casters • Two are lockable. • Two are direction lockable.
Adapter Shelves Loading (ea.)	3kg (6.6lbs.)	Security	Front Doors/Rear Doors: 3-point locking mechanism with key/padlock combo [Note] Padlock is not included in the package.
AUX Outlets	2	Work Platform Loading	20kg (44.09lbs.)
Shelf Loading (ea.)	32.7kg (72lbs.)	Warranty	10 years cart and tray 5 years electrical components UV lamps are not included in warranty program.
Support Devices	Mobile devices up to 15"	Ordering Info	X18iS: CHRGX18iS
Working RH%	10%~90%		
Working Temperature	0°C ~30°C		
Power Specification	AC IN: 100-120V ~ 50/60Hz, 12A Power Strip: 100-120V ~ 50/60Hz, 12A Outlet: 100-120V ~ 50/60Hz, 12A		
LED Indicator	Power LED: Red/Green Status LED (x2): Solid Blue: Charging		

Note: Specifications subject to change without notice

SGS test result

Be aware of products that do not state their testing methods and result. The X18iS Sanitizing Charging cart **has been sent to SGS* for Antimicrobial effectiveness testing and achieves the disinfected efficiency to 99.99% kill within 5 minutes** reducing the risks of common classroom bacteria and virus.

*SGS is a world's largest and leading provider of laboratory testing services, with a global network of **ISO/IEC 17025 accredited laboratories**.



Bacteria/Virus	Kill Rate	Disinfecting Time	Laboratory Information
Staphylococcus aureus subsp (BCRC 10451; ATCC 6538P)	99.99%	5 minutes	Testing conducted by SGS's ultra-trace industrial safety and hygiene laboratory.
Escherichia coli (BCRC 11634; ATCC 8739)	99.99%	5 minutes	Testing conducted by SGS's ultra-trace industrial safety and hygiene laboratory.
Pseudomonas aeruginosa (BCRC 11633; ATCC 9027)	99.99%	5 minutes	Testing conducted by SGS's ultra-trace industrial safety and hygiene laboratory.
Candida albicans (BCRC 21538; ATCC 10231)	99.99%	5 minutes	Testing conducted by SGS's ultra-trace industrial safety and hygiene laboratory.

Note: Complete testing data available upon request.

SGS Testing method

Add 10ml (approximately 1×10^8 CFU) bacteria solution on a coverslip. Place the coverslip above 20cm distance from the UVC lamp. Perform a serial dilution of the recovered liquid. 1 ml was added to each Petri dish and add 15~20ml TSA to mix and incubate at $32.5 + 2.5^\circ \text{C}$ for 3~5 days.

SGS Test result

A 99.99% kill is achieved on Staphylococcus aureus subsp, Escherichia coli, Pseudomonas aeruginosa, Candida albicans and SARS-Cov-2 virus (pending).



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