

COSMOS® Enabled HCS



COSMOS® option
just \$184
\$749 as shown



Introducing the COSMOS® expanded functionality card for the HCS Series. ClipperCreek's HCS charging stations are now offered with an optional UART serial communication and digital load management interface. COSMOS® was designed to simply integrate HCS charging stations with building energy management or other third party monitoring and control systems.

- Easily add EV charging to existing building and energy management infrastructure
- Control charging power levels, view station status, monitor vehicle connected status
- Digital load management interface for simple integration
- UART serial communications interface for advanced integration



Digital Load Management Interface:

Perfect solution for simple integration to building energy management or other load control systems.

- Four levels of power control (100%, 50%, 25% and 0%)
- Two Optically-coupled Open Collector outputs: one pulled low when EVSE makes power available to a vehicle (max rating 24V DC, 5mA) and one pulled low when vehicle is connected
- **ChargeGuard®** Access Control option supported

Optically-coupled UART Serial Communications Interface:

Perfect solution for developers or advanced integration with building energy management and other load control systems.

- 3.3V - 5V CMOS-compatible UART
 - Integrates easily with FTDI USB TTL Serial Cable
 - Requires 3.3V - 5V, 20mA DC supply
- Protocol document available upon request
- Available serial commands include:
 - Five levels of power control (100%, 75%, 50%, 25%, and 0%)
 - View vehicle connected status - monitor if a vehicle is currently connected to the station or if the station is available for use
 - View EVSE active status - monitor if the station is making power available for charging
 - View advanced EVSE diagnostic information to determine fault status remotely
 - Control up to two user-supplied external LED lights (sources 8mA each)

MULTIPLE CONFIGURATIONS

	MODEL:	HCS-40	HCS-50	HCS-60	HCS-80
CIRCUIT BREAKER RATING:		40A	50A	60A	80A
MAXIMUM CURRENT:		32A	40A	48A	64A
PRICES STARTING AT (with Cosmos®):		\$749	\$819	\$1083	\$1153



RUGGEDIZED OPTION AVAILABLE \$100 additional HCS-40R, HCS-60R and HCS-80R

- 5-year warranty
- Impact and crush-resistant SAE J1772™ connector
- Type 4X watertight and corrosion resistant rubber over-molded EV connector
- Available for hardwired installations

ACCESS CONTROL OPTION AVAILABLE \$78 additional

ChargeGuard® Reliable key-based access control designed for fleet, workplace, multi-tenant, hospitality and residential charging.



Ask about our variety of pedestal mounts!