



# EV



<a href="#">Open Charge Alliance</a> (OCA)	XXXXXXXXXXXXXXXXXXXX
<a href="#">Open Charge Point Protocol</a> (OCPP)	XXXXXXXXXX OCA
<a href="#">ISO 15118</a>	an international standard for bi-directional digital communications between electric vehicles and the charging station
OpenADR 2.0	
<a href="#">V2G</a> (Vehicle to Grid) communication	
OSCP - Open Smart Charging Protocol	
SAE J1772 Combo	SAE Electric Vehicle and Plug in Hybrid Electric Vehicle Conductive Charge Couple



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IEC 62196-3:2014 Ed 1.0	<p>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</p> <p>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</p> <p>XXXXXXXXXXXX</p> <p>XXXXXXXXXXXXXXXXXXXXXXXXXXXX /XXXXXXXXXXXX</p>
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IEC 61851-24:2014 Ed 1.0	<p>□□□□□□ Digital Communication</p> <p>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</p> <p>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</p> <p>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</p> <p>□□□□□□</p> <ul style="list-style-type: none"> <li>• Mode1: AC &lt;16A, &lt;250Vac (1Phase) , &lt;480Vac(3Phase)</li> <li>• Mode2: AC &lt;32A, &lt;250Vac(1Phase) , &lt;480Vac(3Phase), <ul style="list-style-type: none"> <li>◦ ground wire</li> <li>◦ Circuit Breaker</li> <li>◦ Control Pilot Function</li> <li>◦ Residual Current Device: RCD</li> <li>◦ In-cable Control Box: ICCB</li> </ul> </li> <li>• Mode3: AC EVSE (Mode2 no ICCB) <ul style="list-style-type: none"> <li>◦ Mode4: DC EVSE (Mode3) IEC 61851-23</li> </ul> </li> </ul> <p>□□□ IEC 61851-24</p>
<p>ISO 15118-1:2013 Ed 1.0</p> <p>ISO 15118-2:2014 Ed 1.0</p> <p>ISO 15118-3:2015 Ed 1.0</p>	<p>Vehicle to grid communication interface -- Part 1: General information and use-case definition</p> <p>Vehicle-to-Grid Communication Interface -- Part 2: Network and application protocol requirements</p> <p>Vehicle to grid communication interface -- Part 3: Physical and data link layer requirements</p>

