



## SolPad System Configuration Limits

Component	Range
<p><b>Gateway</b></p> 	<ul style="list-style-type: none"> <li>• Max 80 PV modules</li> <li>• Max 20 inverters; 20 batteries</li> <li>• Max 5 branches.</li> </ul>
<p><b>Junction Box</b></p> 	<ul style="list-style-type: none"> <li>• Max 5 per gateway</li> <li>• Each junction box denotes a branch</li> <li>• 20 A breaker in gateway for each</li> <li>• Max 16 solar panels per junction box</li> </ul>
<p><b>Battery</b></p> 	<ul style="list-style-type: none"> <li>• Max 20 per gateway</li> <li>• Max 1 per inverter; 4 per branch</li> <li>• 2.155 kWh storage each</li> </ul>
<p><b>Inverter</b></p>  	<ul style="list-style-type: none"> <li>• Max 20 per gateway</li> <li>• Max 1 per battery; 4 per branch</li> <li>• 1000 W dc input; 960 W ac output</li> <li>• 1-4 PV panels</li> <li>• 2 MPPT channels on each inverter             <ul style="list-style-type: none"> <li>○ 1-2 modules per channel</li> <li>○ Voc max: 88 per channel</li> <li>○ Vmp: 24-75 per channel</li> </ul> </li> </ul>