



EPC-iLegend Container Data Center Solution

Unit		40ft layout All-In-One solution	20ft layout All-In-One solution
Cabinet System	Size of IT cabinet (W*D*H) mm	600x1200x2000	600x1200x2000
	Num. of IT cabinet (pcs)	8	3
	Power of each cabinet (kW)	6/9 (High density)	6/9 (High density)
	Total power (kW)	48/72 (High density)	18/27 (High density)
Power and Distribution System	Power supply system	250A Dual input/ATS optional; 380/400/415V, 50/60Hz, 3Ph+N+PE; input lightning protection 8/20us, In=20kA, I _{max} =40kA	125A Dual input/ATS optional; 380/400/415V, 50/60Hz, 3Ph+N+PE; input lightning protection 8/20us, In=20kA, I _{max} =40kA
	UPS	Modular Online UPS 90~150kVA	Modular Online UPS 40~90kVA
	Battery back-up time	In-row battery cabinet, the number of batteries and capacity can be selected according to project requirements.	
	PDU	16 port IEC PDU (C13*12+C19*4) ,32A	
Cooling System	Cooling method	The default installation of 25kW air-cooled inverter in-row air conditioner (300mm wide)	
Monitoring System	Power and environment system	The monitoring host can realize the centralized monitoring of integrated power distribution cabinet, UPS, air conditioning, access control, video, fire, etc., and support sound and light, telephone, WeChat, SMS, and e-mail multiple alarm methods.	
	Access control	Support IC card + password + fingerprint three-in-one access control system, optional face recognition	
	Local Display	Support 10.1-inch touch screen, support local touch screen, client, remote Web, mobile app, and other display methods.	
Fire Prevention System	Fire extinguishing system	Automatic flooding fire extinguishing system, cold/hot aisles are equipped with smoke and temperature sensors, automatic control of fire gas release, support for sound and light, gas release indicator and other warning methods, support for manual emergency opening of the fire extinguishing system (optional Pipe fire extinguishers)	
	Fire extinguishing gas	FM200/HFC-227ea (Novec 1230 optional)	
Container Structure	Container size (H*W*L) mm	40ft:2896x2438x12192	20ft:2896x2438x6058
	Weight of container (T)	8	4
	Container load bearing (T)	15	7
	Container protection	Waterproof, dustproof, anti-mold, protection grade: IP55	
Operation Environment	Ambient temperature (°C)	-40~50 (-20 °C below require optional low temperature components and water pipes need to do insulation treatment)	
	Altitude(m)	More than 1000m need to be derated.	