

What types of site power distributors are available?

The type and scope of electrical equipment on construction sites is geared to the size and particular circumstances of each site. Using the types of distributor described in the equipment standards, it is possible to set up a power supply solution from the feed-in point from the public grid all the way to the consumer connection tailored to all site requirements.

The following site power distributors can be identified:

<p>Connection cabinet (A cabinet) Connected rating from 55 to 436 kVA (80 A to 630 A)</p> <ul style="list-style-type: none"> • connection fuses as NH fuse switch disconnectors • meter and converter mounting board with fastening devices for meters and converters • NH circuit breakers with fuses as output fuses and switches to the downstream site power distributors 	
<p>Group/main distributor cabinet (GV/HV cabinet) Connected rating from 173 to 436 kVA (250 A to 630 A)</p> <ul style="list-style-type: none"> • connection fuses as NH fuse switch disconnectors or NH circuit breakers with fuses • output fuses as NH fuse switch disconnectors or NH circuit breakers with fuses to the downstream site power distributors 	
<p>Distributor cabinet (V cabinet) Connected rating from 28 to 246 kVA (40 A to 355 A)</p> <ul style="list-style-type: none"> • connection fuses as NH circuit breakers • with fuses and sockets up to 125 A and terminals 	
<p>Connection/distributor cabinet (AV cabinet) Connected rating from 22 to 138 kVA (32 A to 200 A)</p> <ul style="list-style-type: none"> • connection fuses as NH fuse switch disconnectors • meter and converter mounting board with fastening devices for meters and converters • with sockets up to 125 A and terminals 	
<p>End distributor cabinet/floor distributor cabinet (EV cabinet) Connected rating from 22 to 44 kVA (32 A to 63 A)</p> <ul style="list-style-type: none"> • connection via CEE connector • also with intermediate meter for sub-measuring • with sockets up to 63 A 	
<p>Plug distributor (SV) Connected rating from 3.6 to 44 kVA (16 A to 63 A)</p> <ul style="list-style-type: none"> • connection via earthing contact or CEE connector • also with intermediate meter for sub-measuring • with sockets up to 63A 	