



AK POWER SOLUTIONS
ACCELERATING ELECTRIFICATION



INTEGRATED POWER MODULE

- ✓ **INSTALLS IN ONE DAY**
- ✓ **SHIPS FULLY INTEGRATED**
- ✓ **24-32 WEEK LEAD TIMES**





AK POWER SOLUTIONS
ACCELERATING ELECTRIFICATION

BENEFITS

- Proven Technology
- Plug & Play
- Flexible Configuration
- No Field Integration
- Nevi Ready
- Fast Start-Up
- Installs in one day

LEAD TIME

AK
24-32
Weeks

Industry
Lead Time
60+
Weeks



Supports DC Fast Charging and Level 2
Available in Oil-Filled or Dry Transformer

AT A GLANCE

DRY TRANSFORMER

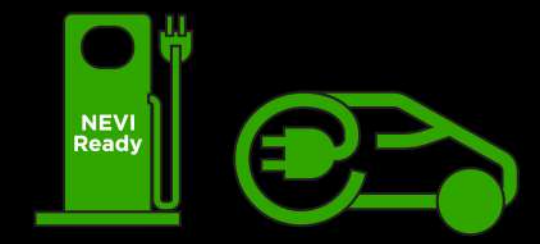


1. Medium Voltage Breaker
2. Dry Transformer
3. Main Breaker Panel
4. Low Voltage Distribution

ADDITIONAL OPTIONS

NEW URBAN FOOTPRINT

- Metering
- System Fan Cooling
- Power On Demand
- Heater Package
- UL / CSA



*Lead Time for Standard Configurations



POWER APPLICATIONS

Level 2 & DC Fast Charging

Standard Configurations

KVA	HV (kV)	LV (V)	Breaker Frame	Main Breaker
500	4- 35	480	1,200	800
750	4- 35	480	1,200	1,200
1,000	4- 35	480	1,600	1,500
2,000	4- 35	480	4,000	3,000
2,600	4- 35	480	4,000	4,000
3,250	4- 35	480	4,000	4,000
3,750	4- 35	480	6,000	6,000
4,000	4- 35	480	6,000	6,000

*Additional configurations are available

DRY TRANSFORMER

Primary (HV) / Secondary Configuration (LV) Delta / WYE / Grounded WYE
Phase 3-Phase

MONITORING CIRCUIT

Medium Voltage Protection Breaker / Fused Switch / Switch
Location Primary Transformer / Main Breaker
..... 2nd Level Breaker

CIRCUIT BREAKER

Type Electronic / Thermal Magnetic
Pole 1-Pole / 3-Pole
Connection Bus Bar / Cable
Second Level 300 / 400 / 600 / 800 AMP

ENVIROMENTAL

Endosure Type NEMA 1 / NEMA 3R
Maximum Altitude 6560 ft (2000m) Above Sea Level

AMBIENT TEMPERATURE

Minimum -20°C
Average 30°C
High 50°C

FEED

Direction Bottom / Top / Side
Loop Allows for Daisy Chain of IPM

