



## FEATURES

- **Armstrong provides one-source responsibility** for the generator system and its accessories.
- All units and components are factory tested during prototype and manufacturing stages assuring long product life.
- Generator set accepts one-step 100% of full load per NFPA 110.
- A **one-year limited warranty** covers all systems and components. Extended warranties are available.
- Rugged 4 cycle heavy-duty diesel engine, with direct fuel injection system and swirl intake ports combine for a low fuel consumption and excellent transient response.
- **Generator features:**
  - Unique Volts per Hertz compensated electronic AVR excitation system delivers reliable voltage response for in rush loads.
  - Brushless, rotating-field generator has low reactance, 2/3 pitch, class H insulation, minimizes voltage distortion when powering non-linear loads.
- **More features:**
  - Controllers are available to meet your most demanding applications.
  - In the event of low oil pressure or high coolant temperature the self-protecting system will automatically stop the engine.

## GENERATOR SET RATINGS

Model	Volt Code	Voltage	Winding Connection	Phase	Power Factor	Hz	Amps Standby	Standby kW / kVA	Prime kW / kVA
A1001CU	51	415 / 240	12 – HI WYE	3	0.8	50	1563	900 (1125)	805 (1006)
A1001CU	53	380 / 220	12 – HI WYE	3	0.8	50	1711	900 (1125)	805 (1006)
A1001CU	55	220 / 127	12 – LOW WYE	3	0.8	50	2956	900 (1125)	805 (1006)
A1001CU	57	220 / 110	12 – 2 DELTA	1	1.0	50	4091	900 (900)	805 (805)

Stand-By ratings are continuous electrical service during the interruption of normal power. No overload capacity is specified at these ratings. Prime ratings available with variable loads are continuous, 10% overload capacity for one hour in twelve hours periods. Both ratings per BS 5514, DIN 6271, ISO-3046  
 Many industrial, commercial and residential voltages are available