ELLIOTT ELECTRIC SUPPLY
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7038 20/18 KW AIRCOOL STANDBY GENERATOR ALUMINUM ENCLOS

GENERAC POWER SYSTEMS INC

Catalog Number	7038
Manufacturer	GENERAC POWER SYSTEMS INC
Description	Generac Power Systems Smart Management Modules allow for more coverage with a smaller generator through smart load management. Get more coverage with less when you use Generac's power management option.
Weight per unit	448.0 (lbs/each)
Product Category	Generators

Descriptions

Description	20/18 KW AIRCOOL STANDBY GENERATOR ALUMINUM ENCLOS
Features	Smart Management Module
Long Description	Generac Power Systems Smart Management Modules allow for more coverage with a smaller generator through smart load management. Get more coverage with less when you use Generac's power management option.
Product Type	50A Smart Management Module (SMM)
Extra Long Description	GEN 7000 50A Smart Management Modul

Manufacturer Information

Brand	Generac
	Generac Power Systems, Inc.
GTIN	00696471070002
Manufacturers Part Number	7000
UPC	955668

Taxonomies, Classifications, and Categories

Category Description	GENERATOR SYSTEMS
	Generators

Availability

Status	Inactive

Packaging

Carton	1
Weight Per Each	448.0 (lbs/each)

Smart Management Module (SMM)

GENERAC® LOAD MANAGEMENT

50 Amp Smart Management Module (SMM)

Model: G007000
UPC: 696471070002



FEATURES

Generac's Smart Power Management System is designed to optimize the performance of a standby generator or PWRcell™ energy storage system (ESS). The system can consist of up to eight individual Smart Management Modules (SMM). Unlike other load management systems that depend on another control device, the SMM's are self-aware and operate autonomously.

Frequency is the true measure of system performance, and does not need to factor in increased ambient temperatures, elevation changes, or generator fuel type. The SMM monitors the frequency (Hz) of the power being produced by Generac's standby generators or PWRcell ESS. If frequency falls below a certain threshold of a correctly sized system, the SMM will automatically shed the managed loads to allow the system to recover.

The modules can be set to a load priority between 1–8, or be set in a lock-out only mode for loads that do not need to run in an outage. This reduces the minimum size of system required for a more cost-effective solution.

* It is recommended to size the generator or PWRcell ESS with appropriate excess capacity to allow starting of the largest managed loads (i.e. loads with highest starting currents). Each managed load of the SACM and SMM must be assigned a unique priority setting, so no two managed loads attempt to start simultaneously. See owner's manual for more information.

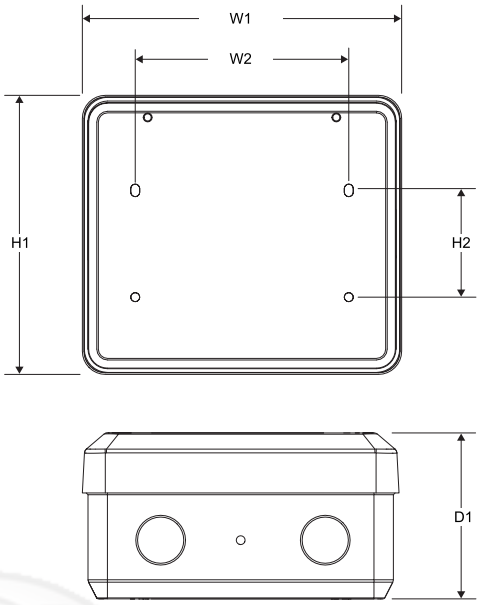
SMM SPECIFICATIONS

Power supply source	240 VAC (from line input)
Contact voltages	220/240 VAC
Contactor coil voltage	240 VAC
Coil VA inrush	30
Coil VA sealed	6.5
Poles	2
Resistive amps	50
F/L Inductive amps	40
Locked rotor amps	180
NEMA	3R
Enclosure rating	UL 50
Frequency selectability	50 Hz / 60 Hz
Warranty	1 year limited

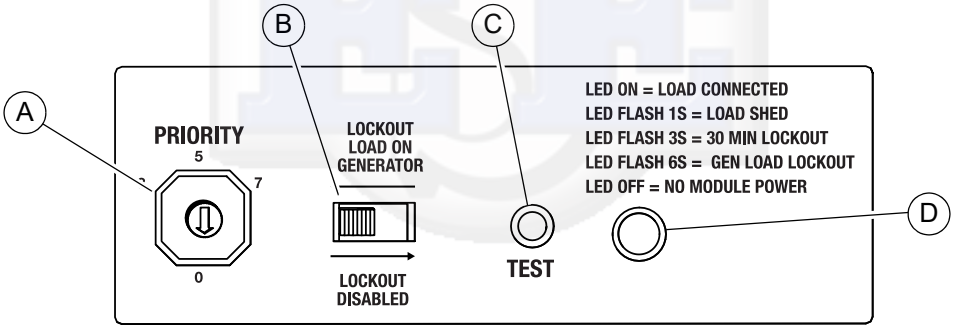
Smart Management Module (SMM)

Dimensions

Model		G007000
Height (in / mm)	H1	6.17 / 156.8
	H2	2.36 / 60
Width (in / mm)	W1	7.06 / 179.4
	W2	4.72 / 120
Depth (in / mm)		3.7 / 94
Weight (lb / kg)		2.06 / 0.94
Shipping weight (lb / kg)		2.44 / 1.11



SMM Controls



Priority Dial (A) Sets module priority.

Lockout Switch (B) Prevents load from operating when system is operating under backup power.

Test Button (C) Disables contactor output for a specified time.

LED (D) Provides module status with easy viewing through the external viewing window located in the upper right corner of the module.

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