

# The New and Improved Power Design Pro<sup>™</sup>

#### YOUR ULTIMATE ENGINEERING SOLUTION

#### Backed by over 60 years of experience in power generation and engineering.

**Power Design Pro™ (PDP)** simplifies finding the right generator size. Utilizing innovative algorithms, this unmatched software solution helps ensure optimal generator compatibility.

> Try the NEW PDP today for FREE at powerdesignpro.com

Model - 27	5 kW, 10.3L		Solution Limi	ts											
275 kw, Diesel Genset Site rated 275 kw 10.3 L Engine with Upsized (K0350124Y21-350kW) Alternator		Max Loading	80 %	Fdip (Hz)			15			THVD Cont.			1		
				Vdip (	6)		20 %		1	THVD Peak		13		3	
_	Request for Quote		Load Summa	ary											
	se request for quote		Run	ning			Transier	ts					Harmonics		
Generate Product Guide Spec			кW	204.27	kW (step)	p) 135			5	RVA				0	
			KVA	KVA 229.5 KW (p			(peak) 271.18			8	THID Cont. 0				0 %
			PF	0.89	kVA (step	)			45	0	THID P	eak			0 %
74 % Running KW							Starting		Running			Harmonic Distortion		Limits	
86 %	16.9 %	0.0%	Description / Sequence			kW	kVA	kW	k\/A	Peak	Run	kVA	Vdip	Fdip	
Peak kW	Vdip (%)	THVD Peak	Step 1 (Concurrent)												
Family Selection Method Auto Select			1 X 75.00 HP , Code G (6 kVA/Hp) , Across the Line ,		135	450	68.09	76.5	0	0	0	35.00 %	15 Hertz	/	
Sizing Method		Rated torque at start Step 1 (Concurrent)	running at 100%	~											
Manual		~	Step 1 (Concernant)		•										
Generator		135.0	All Loads on concurrent starting 135.0kW Sequence Peak 135.0kW Application Peak		135	450	68.09	76.5	0	0	0	20 % 168 Volts	25 % 15 Hertz		
275 kW, 10.3L		~	Step 2 (Concurrent)												
Quantity			Motor: Motor #2			135	450	68.09	76.5	0	0	0	35.00	15	1
1 Unit 🗸		1 X 75.00 HP , Code G (6 kWA/Hp) , Across the Line , Rated torque at start running at 100%		Line,								%	Hertz	2	
Alternator	Alternator		Step 2 (Concurrent)												
K0350124Y21-350kW ~		135.0	All Loads on concurrent starting 135.0kW Sequence Peak 203.1kW Application Peak		135	450	68.09	76.5	0	0	0	20 % 168 Volts	25 % 15 Hertz		

# **Introducing Streamlined Bid Specifications**

The latest version of PDP is a game-changer in bid specification processes, promoting productivity and cost-efficiency. Scalability is now at the forefront, enabling you to tackle projects of varying sizes with ease. Most importantly, these enhancements enable you to achieve significantly improved project outcomes.



### **Efficient and Accurate**

PDP helps you right-size your generator, preventing delays and unnecessary costs by helping you identify the correct generator in real time.

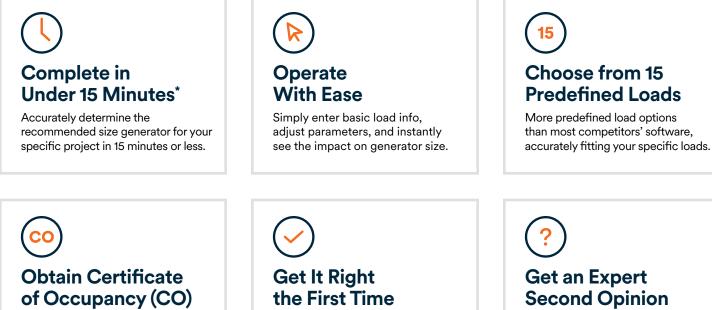


#### **Flexible and Custom**

This cloud-based, turnkey sizing tool allows you to compare and contrast various generator designs and sizes with simple clicks.

Power Design Pro designs, analysis, and identified product suggestions are dependent on user provided input project details. Customer is solely responsible for the accuracy and integrity of its data, and any errors in project inputs may impact the designs, analysis, and outputs of Power Design Pro. Unique circumstances in any user's project or application may also impact the suitability of the product suggested.

## **Key Features**



Utilize PDP to help your project meet NEC requirements and obtain COs.

Using PDP, easily update individual loads and track project changes.

#### **Get an Expert Second Opinion**

Speak with a Generac Power Solutions manager for feedback.\*\* generac.com/pdp-contact-us



Get started or learn more at generac.com/power-design-pro



Has Power Design Pro worked for you? Help other engineers quickly find the information they need to select their next generator by sharing your story. Just fill out our form at generac.com/pdp-contact-us.

\*Users can typically complete an average project using average predefined loads in 15 minutes or less. More difficult projects will take longer.

\*\*Generac does not have access to any PDP project data unless you choose to share it.

Power Design Pro designs, analysis, and identified product suggestions are dependent on user provided input project details. Customer is solely responsible for the accuracy and integrity of its data, and any errors in project inputs may impact the designs, analysis, and outputs of Power Design Pro. Unique circumstances in any user's project or application may also impact the suitability of the product suggested.



Generac Power Systems, Inc. S45 W29290 Hwy. 59, Waukesha, WI 53189

1-888-GENERAC (1-888-436-3722)

©2024 Generac Power Systems. All rights reserved. Specifications are subject to change without notice.

201909686 Rev 04/24