

**gentec energy**

- Perkins Power

**Performance is our Prime objective**

## Perkins Product Range – 60Hz

### Features and benefits

- World renowned engine and alternator
- Comprehensive Range of Controllers
  - Remote start
  - Auto start
  - AMF
  - synchronising
- Auto Transfer Systems
- Acoustic Enclosures
  - Designed to meet European standards
  - Weather resistant
  - Noise reducing
  - Containerised option for larger sets
  - Plantroom acoustic packages
  - Residential exhaust silencing options
- Optional packaging to meet Telecomms specifications

Authorized Dealer:

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# 60hz Rating Table

220/127V							380/220V				
Model	Engine	Alternator	Prime		Standby		Model	Prime		Standby	
	Perkins	Newage	kVA	kWe	kVA	kWe		kVA	kWe	kVA	kWe
GP10-2	403D-11G	BCI164A	10.2	8.2	11.3	9	GP10-3	9.6	7.7	10.5	8.5
GP16-2	403D-15G	BCI164C	15.8	12.7	17.5	14	GP16-3	15.8	12.7	17.5	14
GP24-2	404D-22G	BCI184E	24	21.3	26.6	21.3	GP24-3	24	21.3	26.6	21.3
GP34-2	1103A-33G	BCI184F	34	28	38	30	GP34-3	32.5	36	38	30
GP50-2	1103A-33TG1	BCI184J	50	40	58.7	46.9	GP50-3	47.5	38	52.25	41.8
GP65-2	1103A-33TG2	UCI224D	62.5	50	68.75	55	GP65-3	62.5	50	68.75	55
GP75-2	1104A-44TG1	UCI224E	70	56	77	62	GP75-3	70	56	77	62
GP100-2	1006TG1A	UCI224G	97.5	78	107	86	GP100-3	100	80	110	88
GP120-2	1006TG2A	UCI274C	117.5	94	129	103.4	GP120-3	120	96	132	105.6
GP146-2	1006TAG	UCI274D	137.5	110	151	121	GP146-3	131	105	144	115
GP170-2	1106C-E66TAG3	UCI274E	167.5	134	184	147.4	GP170-3	160	128	176	141
GP200-2	1106C-E66TAG4	UCI274F	190	152	209	167	GP200-3	180	144	198	158
GP230-2	1306C-E87TAG3	UCI274H	231	185	254	203	GP230-3	231	185	254	203
GP245-2	1306C-E87TAG4	UCI274H	245	196	270	216	GP245-3	237.5	190	261	209
GP400-2	2206A-E13TAG5	HCI444E	400	320	438	350	GP400-3	N/A	N/A	N/A	N/A
GP438-2	2206A-E13TAG6	HCI444F	438	350	482	385	GP438-3	438	350	482	385
GP500-2	2506A-E15TAG3	HCI444F	480	384	528	422	GP500-3	500	400	550	440
GP570-2	2506A-E15TAG4	HCI544C	550	440	605	484	GP570-3	N/A	N/A	N/A	N/A
GP625-2	2806A-E18TAG1A	HCI544D	594	475	653	523	GP625-3	625	500	687	550
GP680-2	2806A-E18TAG3	HCI544E	680	544	750	600	GP680-3	675	540	742	594
GP688E-2	2506A-E15TAG4	HCI544E	N/A	N/A	687	550	GP688E-2	N/A	N/A	675	540
GP750-2	4006C-23TAG2A	HCI544E	713	570	792	633	GP750-3	N/A	N/A	N/A	N/A
GP825-2	4006C-23TAG3A	HCI544F	810	648	852	682	GP825-3	825	660	907	726

## Ratings Definition:

**Prime Power** - This rating is applicable for supplying continuous power (at variable load) with no limitation to the annual hours of operation and can supply 10% overload power for 1 hour in 12 hours

**Standby Power** - This rating is applicable for supplying continuous power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings and the alternator is peak continuous rated (as defined in ISO8528-3)

**Emergency Standby Power** - This rating is applicable for supplying continuous power (at variable load) in the event of a utility power failure up to a maximum of 200 hours per year which may be continuous. Load factor may be up to 70% of the Emergency Standby Rating. No overload is permitted. The alternator is peak continuous rated (as defined in ISO8528-3)

Ratings in accordance with ISO8528, ISO3046, IEC60034, BS5000 & NEMA MG-1/22