

# DATA CENTRE GENERATOR SETS

50 Hz

## EPA TIER II - EMISSIONIZED - DATA CENTRE GENERATOR

GENERATOR MODEL	Voltage *	DCR		DCP	
	V (L-L)	kVA	kWe	kVA	kWe
WPG2500B7	400	2500	2000	2250	1800
WPG2750B7	400	2750	2200	2500	2000
WPG3000B7	400	3000	2400	2750	2200
WPG3300B7	400	3300	2640	3000	2400
WPG3750B7	400	3750	3000	3250	2600
WPG4125B7	400	4125	3300	3750	3000
WPG4500B7	11000	4500	3600	4125	3300
WPG4750B7	11000	4750	3800	4375	3500
WPG5250B7	11000	5250	4200	4750	3800

## NON EMISIONIZED - DATA CENTRE GENERATOR

GENERATOR MODEL	Voltage *	DCR		DCP	
	V (L-L)	kVA	kWe	kVA	kWe
WPG2500B7	400	2500	2000	2250	1800
WPG2750B7	400	2750	2200	2500	2000
WPG3000B7	400	3000	2400	2750	2200
WPG3300B7	400	3300	2640	3000	2400
WPG3750B7	400	3750	3000	3250	2600
WPG4125B7	400	4125	3300	3750	3000
WPG4500B7	11000	4500	3600	4125	3300
WPG4750B7	11000	4750	3800	4375	3500
WPG5250B7	11000	5250	4200	4750	3800

\* Different voltage output can be provided with different alternator, please contact Baudouin representative

### DCR RATING

The generator set is capable of providing emergency backup power at the nameplate rating for the duration of an outage. The average load factor of DCR rated generator set should be no more than 85% of the nameplate rating with varying loads. A DCR generator set can run for a maximum of 500 hours per year. DCR rated generators for UPTIME INSTITUTE TIER III & TIER IV Data Centre shall be evaluated by a site-specific survey.

### DCP RATING

Data centre power is defined as being the maximum power which a generating set is capable of delivering while supplying a variable or continuous electrical load and during unlimited run hours. Depending on the sites to supply and the availability of reliable utility, the generating set manufacturer is responsible to define what power level he is able to supply to fulfil that requirement including hardware or software or maintenance plan adaptation.

NOTE: The engine driven alternating current generating set is a reliable source of power for the data centre and it can be also used to back up a reliable utility. Prolonged operation at load in parallel with a utility is not permitted. An overload capability of 10% is available, however, this is limited to 1 hour within 12 hour period.