

# V&P 20ft ISO CONTAINER – GENERATOR



- ~ Achieve a noise pressure of only 85 dB(A) at 3 meters.
- ~ ISO container corner fittings on container top and bottom, for both lifting & transport purposes.
- ~ Lockable doors are provided with sound attenuation. One door is located on each side of the engine for service and equipped with emergency stop button. One door is located on the side of container to access the controls. Doors include hardware & hinges and panic release.
- ~ Built-in Fuel tank complete with contents gauge & vent c/w convenient external connections for fuel. External Fuel supply and return connections to engine
- ~ Internal lighting consists of three AC light fittings complete with control switch located within the container.
- ~ Container floor is fitted with with steel chequer plate.
- ~ CSC (Containers Safety Convention) certified for convenient transport. Stackable, up to three high for transport and storage.
- ~ Rectangular exhaust silencers are mounted internally for compact installation.
- ~ Up to 50 C ambient capability during continuous, prime or standby operation.
- ~ System complete with motorized circuit breaker and Synchronizing Control panel suitable for multiple generator sets operation in island mode or parallel with the Grid.
- ~ Dual speed selection (1500rpm / 1800rpm) with range of voltage selection suitable for varies application

## CONTAINER SHIPPING DIMENSIONS

Length	6 058.0 mm	20 ft
Width	2 438.0 mm	8 ft
Height	2 591.0 mm	8 ft 6 in

## CONTAINER WEIGHT

Approx. 15 300 Kg



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The Total Generator Control Module DEIF system used in the genset application. In most applications it provides a complete solution.

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Applications includes :

- >> Prime or Continuous Power usage
- >> Mains Standby
- >> Peak Shaving (a.k.a. peak Lopping)
- >> Genset long term parallel wit Utility power supply

Multiple genset system :

- >> Random Access Load Sharing
- >> Load dependent Start/Stop sequencing (Load Demand)
- >> Paralleling

DEIF includes all the necessary functions for running the genset in parallel with other genset units.

## Engine control

- ~Start preparation (pre-heater or pre-lubrication)
- ~Start/stop sequences with selectable no. of start attempts
- ~Fuel solenoid
- ~Stop coil
- ~Local, remote or timer start/stop
- ~Stop sequence with cool down
- ~Running speed detection selectable
- ~Magnetic pickup
- ~Engine communication
- ~Frequency
- ~Binary input

## Standard Specification

- ~Display
  - \* 4 lines LCD with backlight
  - \*AC/DC parameter
- ~Keys
  - \*13 digit keys
- ~Parameters
  - \*Field adjustable
  - \*Non volatile
- ~Security
  - \*Three password system
- ~Indicators
  - \*High intensity shutdown, warning and activity LEDs
- ~Communication
  - \*Rs232 or USB

## Build-in applications (Option)

- ~Peak shaving
- ~Load Take Over
- ~Mains power Export
- ~Island
- ~Emergency power
- ~Fixed power/Base load
- ~Multi incoming mains

## Generator monitoring

- ~3-phase generator monitoring (50-690V AC)
- Voltage/current/frequency/power/ractive power

## Generator protection

- ~Over-/under voltage
- ~Over-/under frequency
- ~Over current
- ~Peak current
- ~Over load
- ~Current unbalance
- ~Voltage asymmetry
- ~Reverse power
- ~Reactive power import/export

## Mains protection

- ~Over-/under voltage
- ~Over-/under frequency
- ~Vector jump
- ~Df/dt
- ~Positive sequence
- ~Directional overcurrent

## Running Mode Selection(Option)

- ~Manual
- ~Semi Auto
- ~Block
- ~Test Auto
- ~50Hz/60Hz

## Engine Measurements

- ~Volts Battery
- ~Hours-Run Count
- ~Oil Pressure
- ~Fuel Level
- ~Oil Temperature

# V&P 20ft ISO CONTAINER – GENERATOR

## Standard Features

- CCEC Cummins Engine
- Radiator 50°C c/w Motor Fan
- Single Bearing Choice of Engga China
- Brushless Single Bearing 4p Generator
- Anti-Vibration mounting
- Rectangular exhaust silencers, Flexible Joint, flange
- 24V Charing Alternator
- Batteries mounted on rack
- DEIF Engine control & Synchronizing panel
- CHINT China breaker
- AC Battery Charger
- Voltage Range: 380-400-415-440-480
- User manual

## Generator Ratings

Model	Voltage	Hz	PF	Standby Ratings KW/KVA	Prime Ratings KW/KVA
NTA855-G4	400V	50	0.8	310/387	280/350
NTA855-G3	400V	60	0.8	360/450	320/400
NTAA855-G7	400V	50	0.8	330/412	300/375
KTA19-G4	400V	50	0.8	450/500	400/562
KTA19-G4	400V	60	0.8	500/625	450/562
KT38-GA	400V	50	0.8	630/787	570/712
KT38-G	400V	60	0.8	680/850	620/775
KTA38-G2A	400V	50	0.8	800/1000	720/900
KTA38-G2A	400V	60	0.8	900/1125	820/1025
KTA38-G4B	400V	50	0.8	880/1100	800/1000
KTA38-G4B	400V	60	0.8	1100/1375	1000/1250
KTA50-G3	400V	50	0.8	1120/1400	1000/1250
KTA50-G3	400V	60	0.8	1288/1418	1135/1610