

# Bardac DC Drive Datasheet

Model: PL800HV/1850d

**PL800HV/1850 | 1850A, 3-ph, 230V/460V, Non-Regen, Non-Reversing, DC Drive**

## Input Ratings

|                |               |
|----------------|---------------|
| Supply Voltage | 700V, 3-ph in |
| Input Current  | 1520 Amps     |

## Output Ratings

|                      |           |
|----------------------|-----------|
| Power at 700VDC      | 1600 HP   |
| Max Field Current    | 64 Amps   |
| Max Armature Current | 1850 Amps |
| Regen                | No        |

## Factory Build Options

|                        |                     |
|------------------------|---------------------|
| Enclosure              | Open Chassis        |
| Frame Size             | 5                   |
| Dimensions (W x H x D) | 20" x 29.8" x 13.8" |
| Weight                 | 200 LBS             |

## Miscellaneous

|                |                               |
|----------------|-------------------------------|
| Feedback Types | Armature, Encoder, Tachometer |
| Max Watts Loss | 5550 Watts                    |



**Basic Model**

Doesn't come with Contactors, Fuses, Filters

**dw221 speedy** (included in all suffix d PL/X drives)

Embedded controller with:

- Easy USB programming port
- Peer to peer Ethernet networking
- Programmable control functions

