

Tesla Commercial w/ ETB Controller

HARDWARE & SOFTWARE GUIDE



2-HOUR MEGAPACK		4-HOUR MEGAPACK	
ESS Power (kW)	ESS Capacity (kWh)	ESS Power (kW)	ESS Capacity (kWh)
642.4	1284.8	326.4	1305.6
722.7	1445.4	367.2	1468.8
803	1606	408	1632
883.3	1766.6	448.8	1795.2
963.6	1927.2	489.6	1958.4
1043.9	2087.8	530.4	2121.6
1124.2	2248.4	571.2	2284.8
1204.5	2409	612	2448
1284.8	2569.6	652.8	2611.2
1365.1	2730.2	693.6	2774.4
1445.4	2890.8	734.4	2937.6
1525.7	3051.4	775.2	3100.8
1606	3212	816	3264
1686.3	3372.6	856.8	3427.2
1766.6	3533.2	897.6	3590.4
1846.9	3693.8	938.4	3753.6
1927.2	3854.4	979.2	3916.8

TESLA - TURNKEY ESS

- ▶ 15-year standard warranty on system components (20-year extension available)
- ▶ 10-year preventative maintenance plan included
- ▶ Easy to assemble and functionally tested to reduce on-site work and cost
- ▶ Fully integrated PCS and EMS
- ▶ Microgrid options available upon request, contact your account manager for more information

ETB SOFTWARE SERVICES

- ▶ ETB Controller perpetual license
- ▶ ETB Monitor Software Subscription (term to be defined)
- ▶ Optional add-on services available upon request

★TESLA MICROGRID - Standard Mircogrid Includes:

- ▶ Generator control
 - Non approved existing gensets can be upgraded with approved controls.
 - Microgrid Opticaster controller determines when to use gen to charge battery.
 - Genset control must be Modbus.
- ▶ Load shedding of up to 4 loads using approved external I/O devices.
 - I/O terminals can be used for:
 - Tripping breaker to load when grid is lost.
 - Direct low voltage control of a specific load (HVAC for example).
 - Shed loads base on SOC and grid status (custom \$+)
- ▶ Multiple control methods for PV curtailment.
 - Modbus control preferred.
 - Frequency shift for PV curtailment also available.
- ▶ Always does seamless transition back to grid.
 - No additional equipment required.

Additional Notes

- ▶ All equipment to be used in microgrid must be from the Tesla Approved Vendor List.
- ▶ This is not rated as a UPS but transition to islanding is about 1 sec.
- ▶ Megapack islanding only integrated with SEL-700G+ islanding relay.
- ▶ In Microgrid mode SOC range is narrowed to 10-94%.