

DMtech ESS Pro LV

preliminary datasheet v0.1

Multi-purpose smart integrated low-voltage energy storage system



Technical specification

- Compact design with shallow depth profile
- Built-in DC breaker(s)
- 35kWh of total capacity
- Max 500A of charge / discharge current
- Dimensions 110cm x 34cm x 78cm (WxDxH)
- Wall-mounted or standing on the ground
- Delivered with wall-mounted ESS Master controller / HMI module:
 - on-site and remote monitoring and configuration
 - spot trading
 - peak shaving
 - flexibility and energy sharing
 - heat-pump control
 - EV charger control
 - alarm management
 - event logging
 - remote firmware upgrade
- Recommended inverters:
 - 1pc or 2pcs of Deye SUN-10K-SG4-LP3-EU
 - 1pc or 2pcs of Deye SUN-12K-SG4-LP3-EU



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Solution architecture

