



STORION-S3

HOUSEHOLD PHOTOVOLTAIC ENERGY STORAGE SYSTEM (ESS) IS A NEW KIND OF POWER SOLUTION.



10 years
Performance Warranty



Plug & Play



UPS



Visualization



Self-consumption



20 Years Lifetime



**SMARTEN
YOUR
ENERGY**



DATASHEET

Energy Storage System

| | |
|--------------------------------|------------------|
| Model | Storion-S3 |
| Phase | Single Phase |
| Display | 7 Inch Touch LCD |
| Communication | Ethernet |
| Operating Temperature Range | 0°C To 40°C |
| Humidity | 15% - 85% |
| Protection Level | IP21 |
| Outline Dimensions (L×W×H) | 650×610×1630 mm |
| Weight | 135 kg |
| Warranty | 5 Years |
| Inverter Model | AEV-3048 |
| Nominal Output Power | 3000 W |
| Grid Output Voltage Range (AC) | 184 - 264.5 Vac |
| Grid Output Current (AC) | 13.1 A |
| Max. Input PV Power | 4500 W |
| Max. Input PV Voltage | 500 Vdc |
| Max. Input PV Current | 1*18 A |

System Configuration

| Cabinet | | Storion-S3 | | | |
|---------|--------------------|---|---------------|-----------|-----------|
| Battery | Module | 2*M4850-M (★) | 3*M4850-M (★) | 4*M4850-M | 5*M4850-M |
| | DoD | 80% | | | |
| | Installed Capacity | 5 KWh | 7.5 KWh | 10 KWh | 12.5 KWh |
| | Usable Capacity | 4 KWh | 6 KWh | 8 KWh | 10 KWh |
| | Cycle Life | ≥ 6000 @80% | | | |
| | Warranty | 5 Years Product Warranty 10 Years Performance Warranty 20 Years Expected Lifetime | | | |

★: Recommended

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