

Storm 710W Solar Kit

Microinverter Specifications | HMS-800W-2T

Microinverter Input (DC)

Parameter	Value
Recommended Module Power	320 - 540 W+
Max. Input Voltage	65 V
MPPT Voltage Range	16 - 60 V
Min. Start Voltage	22 V
Max. Input Current	2 x 14 A
Max. Short Circuit Current	2 x 25 A
Number of MPPTs	2
Inputs per MPPT	1

Microinverter Output (AC)

Parameter	Value
Rated Output Power	800 VA
Rated Output Current	3.48 A
Output Voltage / Range	230 V / 180 - 275 V
Output Frequency / Range	50 Hz / 45 - 55 Hz
Power Factor	> 0.99 (adjustable)
Total Harmonic Distortion	< 3%
Peak Efficiency	96.70%
MPPT Efficiency	99.80%

Mechanical Data

Parameter	Value
Dimensions (W x H x D)	261 x 180 x 35.1 mm
Weight	3.2 kg
Enclosure Rating	IP67 (Outdoor)
Cooling	Natural Convection
Operating Temperature	-40 to +65 °C

Features

Parameter	Value
Communication	Built-in Wi-Fi
Monitoring	S-Miles Cloud / App
Topology	Galvanic Isolation (HF)
Safety	Rapid Shutdown
Night Consumption	< 50 mW

Kit Contents

Component	Qty	Notes
Storm 178W Flexible Solar Panel	4	712 Wp total
HMS-800W-2T Microinverter	1	2 MPPT, built-in Wi-Fi
Microinverter Stand	1	Angled mounting support
Y-Branch DC Connector	2	Parallel panel pairs
AC Connection Cable	1	5 m or 10 m
Double Pole Isolator Fused Spur	1	Licensed installation
Reusable Cable Ties	✓	Panel mounting
Disconnect Tools (A & B)	✓	Maintenance
Solar Warning Labels	✓	BS 7671 compliant
Installation Guide	1	Step-by-step instructions

Installation must comply with UK wiring regulations including G98 and BS 7671.

All electrical work must be carried out by an installer registered with a Competent Person Scheme (NICEIC/NAPIT).

A bi-directional RCBO is required for the dedicated radial circuit (not included).