

HUAWEI / Solar inverter

SUN2000-6KTL-M1

6 kW three-phase Smart Energy Controller with a battery interface. Backup operation requires the compatible external backup equipment specified by Huawei.

Rated AC output	6,000 W
Grid connection	Three-phase
Maximum efficiency	98.6%
Recommended maximum PV power	9,000 Wp
Maximum PV input voltage	1100 V
MPP trackers	2
Dimensions (including mounting bracket)	525 × 470 × 146.5 mm
Ingress protection	IP65

Reference and supply scope

These are manufacturer model-reference values, not a Gateway stock confirmation or a complete site design. Confirm the offered configuration, accessories, compatibility, availability, warranty and installation scope in the quotation.

Manufacturer product reference: <https://solar.huawei.com/sa-en/products/sun2000-3-4-5-6-8-10kti-m1/specs/>

Original manufacturer datasheet: [Open the source datasheet](#)

Model page and enquiry: [View this model at Gateway Inventory](#)