**Energy meter for measuring power consumption and feed-in power**

Energy measuring device, for measuring consumption and feed-in at the grid connection point, 3-phase measuring unit, transmission of domestic consumption or grid feed-in to a solar portal of the grid feed-in to a solar portal, compatible with 1- and 3-phase solar inverters, 1- and 3-phase hybrid inverters, 1- and 3-phase AC battery inverters, with provision of battery data and battery charge and discharge control if a high-voltage battery is connected, Pre-configured RS485 interfaces, for mounting on top-hat rail, width 4 HP, interfaces 2 x LAN, 2 x RS485, with active and reactive power measurement, apparent power measurement, current intensity measurement and power factor measurement per phase, with home consumption and self-consumption determination, operation via integrated web server, EEBus-compatible

Manufacturer/Type

'Kostal / KOSTAL Smart Energy Meter (KSEM)'

or equivalent.

Manufacturer/Type

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to be entered by the bidder.