



STAR PARALLEL BOX



- **Easy Installation:** Quick setup reduces time and costs.
- **Multiple Communication Options:** Ensures flexible, reliable connectivity.
- **Inverter Parallel Connection:** Compatible with NGEN-Star H3-Pro for optimized performance.
- **Automatic Modbus Addressing:** Streamlines configuration and minimizes errors.
- **Local Setup & Monitoring:** Supports on-site configuration and real-time tracking.
- **IP65 Rated:** Dust and water-resistant for durability.

Model	Star Parallel Box
COMMUNICATION	
Max. number of Inverters	10 in On-Grid Operation ; 4 in Off-Grid Operation
RS485 Interface	4 (Modbus RTU, Sunspec) ; 9600bps, 19200bps, 38400bps, 57600bps, 115200bps
Ethernet	2 (RJ45) ; 10M / 100M
Digital Input [Vdc]	6~24
Digital Output	3 Relay Outputs
4G(Optional)	LTE-FDD: (B1, B3, B7, B8, B20, B28A) ; LTE-TDD: (B38, B40, B41) ; WCDMA: (B1, B8)
WiFi	802.11 (b, g, n, ac) ; HT20 / 40MHz ; 2.4GHz
INDICATOR LED	
LED	3
Button	Start
POWER SUPPLY	
DC Input Voltage [Vdc]	10~27
Power Consumption [W]	In normal Operation 20 ; Max. 30
AMBIENT CONDITIONS	
Operating Temperature [°C]	-30 ~ +60
Storage Temperature [°C]	-40 ~ +70
Relative Humidity [%]	≤95 (No Condensation)
Max. Operating Altitude [m]	≤4000
GENERAL DATA	
Dimensions (WxHxD) [mm]	260 x 192 x 88
Weight [kg]	2.5
Mounting Type	Wall Mounted ; Outdoor or Indoor
Ingress Protection	IP65