Monitoring & Export Zero Solutions GROWATT -Data storage for max. 90 days **Monitoring & Export Zero Solutions** -Plug & Play -Up to 50m -Local acess Remote service support How many Do you need One stick Wireless inverters are you –2 or more inverters export zero or consumptio monitoring? ShineGPRS-X Shine4G-X ____Monitoring inverter monitoring? -Data storage for max. 90 days -Plug & Play -Up to 50m -Remote service support Only 1 inverter -2G.3G.4G (4G-X) **Smart Energy Manage** Monitoring **Three Phase** Three Phase Monitoring(ShineMaster) included inside SEM, ethernet connection ready. 230/400V Wye L-L: 480Vac Delta Select model according voltage, CT size, wire size and max current thru 127/220V Wye L-L: 220Vac Delta ShineLink-X = ShineLanBox + Shine RF One ShineLanBox monitors up to 8 inverters sticks Data storage max, 90 days Up to 150m CT and aperture Voltage range Meter 240V L-L-N Model nverter A Application Automatic IP address 220V L-N (L-L) connection (3 CTs are in the package) Only US, Mexico, Colombia RF communication & Caribe Remote service support CT Measurement Plug & Play CT Measurement 3W+N+PE 1. Multiple SPH parallel SEM-E 50K MR00.0020600 100A SEM-E 173V~480V 3W+N+PE 230V/400Vac | 2. Multiple small inverter export limitation or s SEM-E 100K MR00.0020700 250A Φ24mm 127V/220Vac | consumption monitoring (MIC, MIN, MOD, MID) One stick per Plug & Play CT Measurement Plug & Play inverter CT Measurement . Multiple 3-Phase inverter export limitation or SEM 100K MR00.0012401 250A 22mm*23mm self-consumption monitoring (MID, MAX, MAC) SEM 300K MR00.0012501 600A 42mm*46mm 2. Grid connection is Y type, with Neutral 3. CTs ShineLan-X Wire size meter=<5.64 Wire size ameter=<16r Max 100A may be bought locally, standard 5A CT, need to SEM SEM 600K MR00.0012601 180V~460V 3W+N+PE 1200A 82mm*122mm 230V/400Vac Data storage max. 90 days adjust the CT ratio on meter if change the CT, Max 100A Remote service support reset SEM afterwards. 4. The system reference MR00.0012701 2000A 82mm*162mm SEM 1MW Up to 100m power is calculated by 400Vac, if used on 220V SEM 2MW MR00.0012801 4000A 82mm*162mm grid, the power will reduce. TPM-CT-E TPM-CT-E TPM-CT-D TPM-E SDM630MCT . Multiple 3-Phase inverter export limitation or + 100A CTs + 250A CTs SEM-D 200K MR00.0015600 22mm*23mm 250A TPM-CT-E self-consumption monitoring SPM-CT-E SPM-E TPM-E + 100A CTs Ethernet / 4G One ShineMaster for 2. Grid connection is Delta type, without Neutral ShineMaster MR00.0015700 600A RS485 SEM-D 500K 42mm*46mm multiple inverters 3. CTs may be bought locally, standard 5A CT, Growatt SEM-D 1MK L-L: 480Vac need to adjust the CT ratio on meter if change 180~540V 3W+PE MR00.0015800 1200A 82mm*122mm L-L: 220Vac the CT, reset SEM afterwards. SEM-D 1.5MW MR00.0015900 2000A 82mm*162mm The system reference power is calculated by 2 CTs ShineMaster-4G 480Vac, if used on 220V grid, the power will ShineMaster 4000A SEM-D 3MW MR00.0016000 82mm*162mm Use one monitoring



-Monitoring up to 64 inverters

-Up to 500 meters of communication -Export limitation option -Automatic IP address acquisition -Remote support service -Support 2G,3G,4G (4G Version) Compatible with Weather Station



MIN-XH-US models have built in WIFI and ethernet connections and comes with an special meter inside the box

solution

