Growatt ShineLink

New generation energy monitoring and management

ShineLink is a new product designed to monitor and manage your PV system, storage system, heating system and EV charging system at the same time maximize self-consumption of solar energy. For example, it is well known that over 80% of the energy consumed in the home is used for heating and hot water, ShineLink can start hot water tank to store redundant solar energy at peak generation, it can also switch off targeted consumers at low solar generation to reduce electricity bills.

ShineLink collects data and uploads information over the internet in near real-time to Growatt ShineServer platform and keeps user informed of the system's status at any time. ShineServer provides real-time access to your electricity consumption and solar generation data through your web browser, smart phone or tablet.

Together with Growatt ShineServer, ShineLink offers a smarter way of managing your home energy over the internet whenever, wherever and however you want.

GROWATT NEW ENERGY TECHNOLOGY Co.,LTD

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Features

> Easy to use
> Plug-and-play commissioning
> Real time and accumulated data can be viewed via:
  Web browsers,iPhone and Android smartphones
> RF communication for wireless opertation
> Direct data exchanger with Router via Rj45
> Free online monitoring via ShineServer

Includes

Shine LanBox / Shine RFStick
SP1000-2000 / Lithium Battery pack / SP-CT
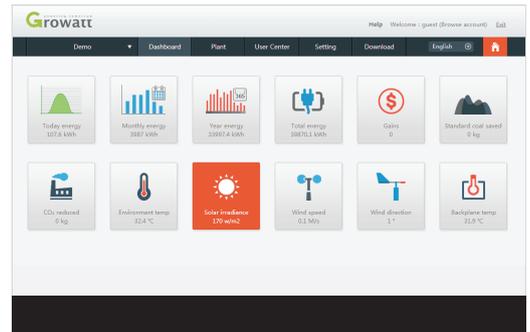Solar MeBoost / MeThermostat
EV AC Charging

Technicals

Operating frequency:
Shine RFStick–433MHz
Shine LanBox–433MHz
Ingress protection:
Shine RFStick–IP65
Shine LanBox–IP30
Operating temperature:
Shine RFStick– -25℃ to +60℃
Shine LanBox– -25℃ to +55℃
Storage conditions:-30℃ to +60℃
Number of RF enquipments:max.8 units
Operating range up to 30m
5 min data transfer interval
Default server URL:server.growatt.com

Standards

IEC 61010-1:2001(2nd Edition) /
EN 61010-1:2001(2nd Edition)
ETSI EN 300 220-1 V2.1.1 (2006-04) /
ETSI EN 300 220-2 V2.1.2 (2007-06)
ETSI EN 301 489-1 V1.8.1 (2008-04) /
ETSI EN 301 489-3 V1.4.1 (2002-08)

PV system with storage   Heating system   EV AC Charging

Information Analysis

> ShineServer widget with real time energy and cost information
> Quick comparison of recent periods
> Quick recent trend indicators
> Graphs have quick selection buttons:
> Time Frames – show data for last 1 day,1 Week,1 month, 1 year
> Grouped By-Day, Week, Month, Year
> Display-Energy consumed, Cost of energy
> Consumed, CO2e of energy consumed

ShineLink energy monitioring system and management solution