



Main

Range of Product	Easergy T300
Device short name	PS50

Complementary

Product or Component Type	Power supply
Product Compatibility	BAT24AH BAT38AH
[Us] rated supply voltage	110...240 V DC 110...240 V AC 50/60 Hz
Output voltage	12 V DC 48 V DC
Communication port protocol	Modbus
Communication port support	RS485
Input voltage limits	440 V AC/DC L-N)
Number of outputs	Battery fault (BAT) 1 digital (relay) Main presence 1 digital (relay)
Rated short-duration power frequency withstand voltage	10 kV 50 Hz 1 min
Surge withstand	20 kV 1.2/50 μ s
Protection Type	Against short-circuits Integrated thermal protection
Battery capacity	24 Ah 12 V, Lead-Acid battery 38 Ah 12 V, Lead-Acid battery
Typical battery back-up autonomy	16 h
Typical battery recharge time	24 h

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Mounting Support	DIN rail
Operating position	Vertical
Overvoltage category	IV
Electromagnetic compatibility	Electrical fast transient/burst immunity test - test level: level 4 criteria A conforming to IEC 61000-4-4 Conducted RF disturbances - test level: level 3 criteria A conforming to IEC 61000-4-6 Conducted disturbance emission - test level: level 4 criteria A conforming to IEC 61000-4-16 100 kHz damped oscillating wave - test level: level 3 criteria A conforming to IEC 61000-4-12 Radiated radio-frequency electromagnetic field immunity test - test level: level 4 criteria A conforming to IEC 61000-4-3 Immunity to voltage dips criteria A conforming to IEC 61000-4-29 Electrostatic discharge - test level: level 4 criteria B conforming to IEC 61000-4-2 Surge immunity test - test level: level 3 criteria A conforming to IEC 61000-4-5 Magnetic field at power frequency - test level: level 5 criteria B conforming to IEC 61000-4-8 Conducted and radiated emissions class A conforming to EN 55022
Standards	IEC 60255-27
Product Certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07 IEC 62262
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Relative humidity	5...95 % IEC 60068-2-30
Operating altitude	6561.68 ft (2000 m)
Mechanical robustness	Vibrations 10...2000 Hz 1 gn 10 cycles IEC 60068-2-6 Bumps 10 gn 16 ms 1000 bumps non energized IEC 60068-2-29 Shocks 10 gn 11 ms 3 pulses in operation IEC 60068-2-27
Height	7.48 in (190 mm)
Width	10.63 in (270 mm)
Depth	2.80 in (71 mm)
Net Weight	6.06 lb(US) (2.75 kg)

Ordering and shipping details

Category	08642-SAGE FEEDER RTU
Discount Schedule	RTU1
GTIN	3606480802546
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.51 in (14 cm)
Package 1 Width	10.87 in (27.6 cm)
Package 1 Length	14.25 in (36.2 cm)
Package 1 Weight	7.10 lb(US) (3.222 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	15.06 lb(US) (6.83 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	16
Package 3 Height	17.72 in (45 cm)

Package 3 Width	31.50 in (80 cm)
Package 3 Length	47.24 in (120 cm)
Package 3 Weight	151.02 lb(US) (68.5 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.