



Induction Disk Charger

FOR THE SST RANGE

The WatchGas Induction Disk Charger for the SST Range is a compact and reliable solution for keeping your detectors powered at all times. Designed for convenience, it features a female USB-C port and comes complete with a USB-C cable in the box.

Features and Benefits



Induction Charging

Reliable wireless charging eliminates exposed charging contacts, reducing wear and preventing connector damage in harsh industrial environments. A simple drop-on design enables fast and effortless charging.



Foreign Object Detection

Built-in Foreign Object Detection (FOD) continuously monitors the charging surface. If a metal object is detected, charging automatically stops and resumes only after the object has been removed, providing an additional layer of safety.



Safety

Advanced intelligent charging continuously monitors voltage, current and temperature throughout the charging process. Integrated protection against over-voltage, over-current and over-temperature ensures safe and reliable operation.

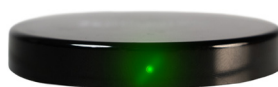


Compatibility

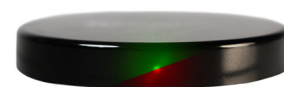
Designed for maximum flexibility, the Induction Charging Disk supports wireless charging of the complete SST range, including the SST4 Micro, SST4 Mini, SST4 Pump and SST5, using a single charging solution.



Standby
Static red light



Charging
Static green light



Foreign Object Detected
Flashing green and red alternately

Specifications

Dimensions	63.7 x 63.7 x 9 mm (Disk)
Cable length	1 m
Weight	35 g (Disk only) 55 g (Disk and Type-C Cable)
Product material	ABS + PC
Working environment temperature	-10 ~ 45 °C
Storage temperature	-20 ~ 60 °C
Storage humidity	< 80% r.h.
Input voltage	-0.5 ~ 5.5 V
Input current	5 V / 2 A
Output voltage	4.5 ~ 5.5 V
Output current	1 A
Standby power consumption	50 - 80 mW
Output frequency	110 - 205 kHz
Receiving distance	3 - 8 mm
Charging interface	Type-C
Conversion efficiency	Max 75 - 82 %
Certifications	 European Safety Certification
	 UK Conformity Assessed
	 Federal Communications Commission
	 RoHS Compliant

Accessories



WatchGas Charging Adapter with Female USB-C connector port, cable and universal mains
SST-RCH



Replacement 1.5 m USB-C Cable
SST-CCC

Works with



SST4 Micro
SST4-MICRO



SST4 Mini
SST4-MINI



SST4 Pump
SST4-PUMP



SST5
SST5

Alternatives



SST Induction Cradle Charger
SST-IND-S



SST Range 6-Way Bench Top Charger
SST-6WSSC-CHR



SST Range 5-Way Stackable Charging Cradle
SST-STACK-CHR

For more information

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WatchGas is dedicated to continuously improving its products. Therefore, the specifications and features mentioned in this datasheet are subject to change without prior notice.

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