

ST 0725 CHGR Data Sheet

Input	100-240 VAC, 50/60 Hz
Max Input Power	86W
Output	29.05 VDC / 2.5A
Max Output Power	72.6W
Charger Protections	<ul style="list-style-type: none"> • Over temperature (initial charging & during charging) • Short circuit • Pre-charge error • Output current and output voltage



ST 0725 CHGR CHARGER SPECIFICATIONS

Input	100-240 VAC 50/60Hz	Output	29.05 VDC / 2.5A
Max. Input Power	86W ± 10%	Max. Output Power	72.6W ± 10%
Efficiency	≥ 80%	Weight	510g
Connector <i>*customizable</i>	89M-103-3P 89M-103-4P 89M-103-5P UT-D264M4 MPF charging dock	Dimensions	167 x 74 x 37mm 6.57" x 2.91" x 1.46"
Charger Protections	<ul style="list-style-type: none"> - Over temperature - Short circuit - Pre-charge error - Over current - Over voltage 	Certifications	IEC 60335-2-29 IEC 62368-1 EMC IEC61000-3-2 PSE / SAA / UL1012 / CSA C22.2 No.107.1-16

SUPPORTED BATTERY MODELS

ST 25.4V 10AH



ST 25.2V 10AH-UT



ST 25.2V 13AH



ST 25.2V 17AH



ST 25.4V 24AH



ST 25.4V 24AH

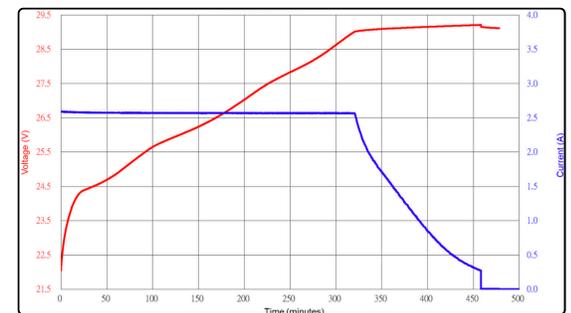


LED INDICATORS AND DESCRIPTIONS

Green LED	Red LED	Specifications
Constant Off	Flashes 3 times and Off	Power on (AC plugged in without battery)
Constant Off	Slow Flash	Pre-charge mode
Constant Off	Constant On	Constant current & voltage mode
Constant On	Constant Off	Pre-charge mode
Slow Flash	Constant Off	Pre-charge fail
Fast Flash	Constant Off	Over temperature protection at initial charging 0±5°C > Battery Temperature > 40±5°C
Flash alternately	Flash alternately	Over temperature protection during charging Battery temperature > 50±5°C Over voltage & over current protection Pre-charge mode fail / charging fail Output short circuit

Note: Slow flash frequency: every 500ms. Fast flash frequency: every 100ms

CHARGING CURVES



Charge Current: 2.5A
Charge Time: 7.6 hrs

MECHANICAL DESIGN

