



Declaration of Conformity

For the following equipment :

Product Name: 100W GaN Fast Charger

Model Designation: NGE100xyyy (x=Blank ; yyy= maybe blank , -, 0~9 , A-Z or a-z for market purpose is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

RoHS Directive (2011/65/EU), (EU)2015/863

Low Voltage Directive (2014/35/EU) :

EN 62368-1:2014+A11:2017

Dekra Certificate: 35-147458

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission	EN 55032:2015+A1:2020	
Radiated emission	EN 55032:2015+A11:2020	Class B
Harmonic current	EN IEC 61000-3-2:2019+A1:2021	Class A
Voltage flicker	EN IEC 61000-3-3:2013+A1:2019+A2:2021	Clause 5

EMS (Electro-Magnetic Susceptibility)

EN 55035:2017+A11:2020

ESD air	EN 61000-4-2:2009	Level3	8KV
RF field susceptibility	EN IEC 61000-4-3:2020	Level 2	3V/m(80MHz~2.7GHz)
EFT bursts	EN 61000-4-4:2012	Level 2	1KV
Surge susceptibility	EN 61000-4-5:2014+A1:2017	Level 3	1KV/Line-Line
Conducted susceptibility	EN 61000-4-6:2014	Level 2	3V
Magnetic field immunity	EN 61000-4-8:2010	Level 1	1A/m
Voltage dip, interruption	EN IEC 61000-4-11:2020	<5% residual voltage for 0,5cycle, 70% residual voltage for 25cycles, <5% residual voltage for 250cycles	

Note:

The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

The product under declaration is just a unit without medical function. Complete MDR should only be verified when it is used together with particular medical device(s).

Energy-Related Products Directive (2009/125/EC) :

Ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies (EU)2019/1782

This Declaration is effective from serial number SC4xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

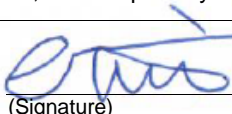
(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)


Eris Wu/ Director, Group R& D :

(Name / Position)


(Signature)

Alex Tsai/Director, Product Strategy Center :

(Name / Position)


(Signature)

Taiwan

(Place)

Feb. 18th, 2024

(Date)