

INGECON SUN STORAGE 3PLAY 10-15- 20-30 TL M

LIST OF APPROVED POWER METERS

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1 INTRODUCTION

The power meters of the following manufactures are approved for the Ingeteam Storage System with the INGECON SUN STORAGE 3PLAY 10-15-20-30 TL M.



2 LIST OF APPROVED POWER METERS

Manufacturer	Carlo Gavazzi	Carlo Gavazzi	Carlo Gavazzi	Carlo Gavazzi	Carlo Gavazzi	Carlo Gavazzi	Carlo Gavazzi
Reference	EM24-DIN AV9 3 X IS X	EM24-DIN AV2 3 X E1 X	EM340-DIN AV2 3 X S1 X	EM530-DIN AV5 3 X S1 X	EM540-DIN AV2 3 X S1 X	WM20 AV5 3 H05	WM20 AV5 3 H
Energy Analyzer							
Dimensions (WxHxD)	71,6 x 66 x 90mm 4-DIN module	71,6 x 66 x 90mm 4-DIN module	54 x 63 x 91mm 3-DIN module	54 x 63 x 90 mm 3-DIN module	54 x 63 x 90 mm 3-DIN module	96 x 96 x 52 mm Panel	96 x 96 x 52 mm Panel
Phase	3 ~ Phase	3 ~ Phase	3 ~ Phase	3 ~ Phase	3 ~ Phase	3 ~ Phase	3 ~ Phase
Voltage measure	Direct	Direct	Direct	Direct	Direct	Direct/Voltage Transformer	Direct/Voltage Transformer
Current measure	Direct	Direct	Direct	Current Transformer	Direct	Current Transformer	Current Transformer
Maximum Current	65 A	65 A	65 A	-	65 A	-	-
Cable section area	2,5mm ² - 16mm ²	2,5mm ² - 16mm ²	2,5mm ² - 16mm ²	2,5mm ² - 16mm ²	2,5mm ² - 16mm ²	2,5 - 16 mm2	2,5 - 16 mm2
Communication port	RS485	Ethernet (RJ45)	RS485	RS485	RS485	Ethernet (RJ45)	Ethernet (RJ45)

Manufacturer	Carlo Gavazzi	Weidmuller	Weidmuller	Janitza
Reference	WM20 AV5 3 HXXXXE205	EM122-RTU-2P 7760051003	EM525/EM750	UMG 96 RM-E
Energy Analyzer				
Dimensions (WxHxD)	96 x 96 x 52 mm Panel	72 x 66 x 100mm 4-DIN module	96 x 96 x 48 mm Panel	96 x 96 x 48 mm Panel
Phase	3 ~ Phase	3 ~ Phase	3 ~ Phase	3 ~ Phase
Voltage measure	Direct/Voltage Transformer	Direct	Direct/Voltage Transformer	Direct/Voltage Transformer
Current measure	Current Transformer	Direct	Current Transformer	Current Transformer
Maximum Current	-	100 A	-	-
Cable section area	2,5 - 16 mm ²	2,5mm ² - 25mm ²	2,5 - 16 mm ²	2,5 - 16 mm ²
Communication port	Ethernet (RJ45)	RS485	Ethernet (RJ45)	Ethernet (RJ45)

3 REVISION HISTORY

Revision	Date	Change Description	Author
_	10/01/2025	Initial document	S.R.B.
_A	16/01/2025	Voltage measure added to all references. CG EM530-DIN AV5 3 X S1 X current measure type fixed.	S.R.B.